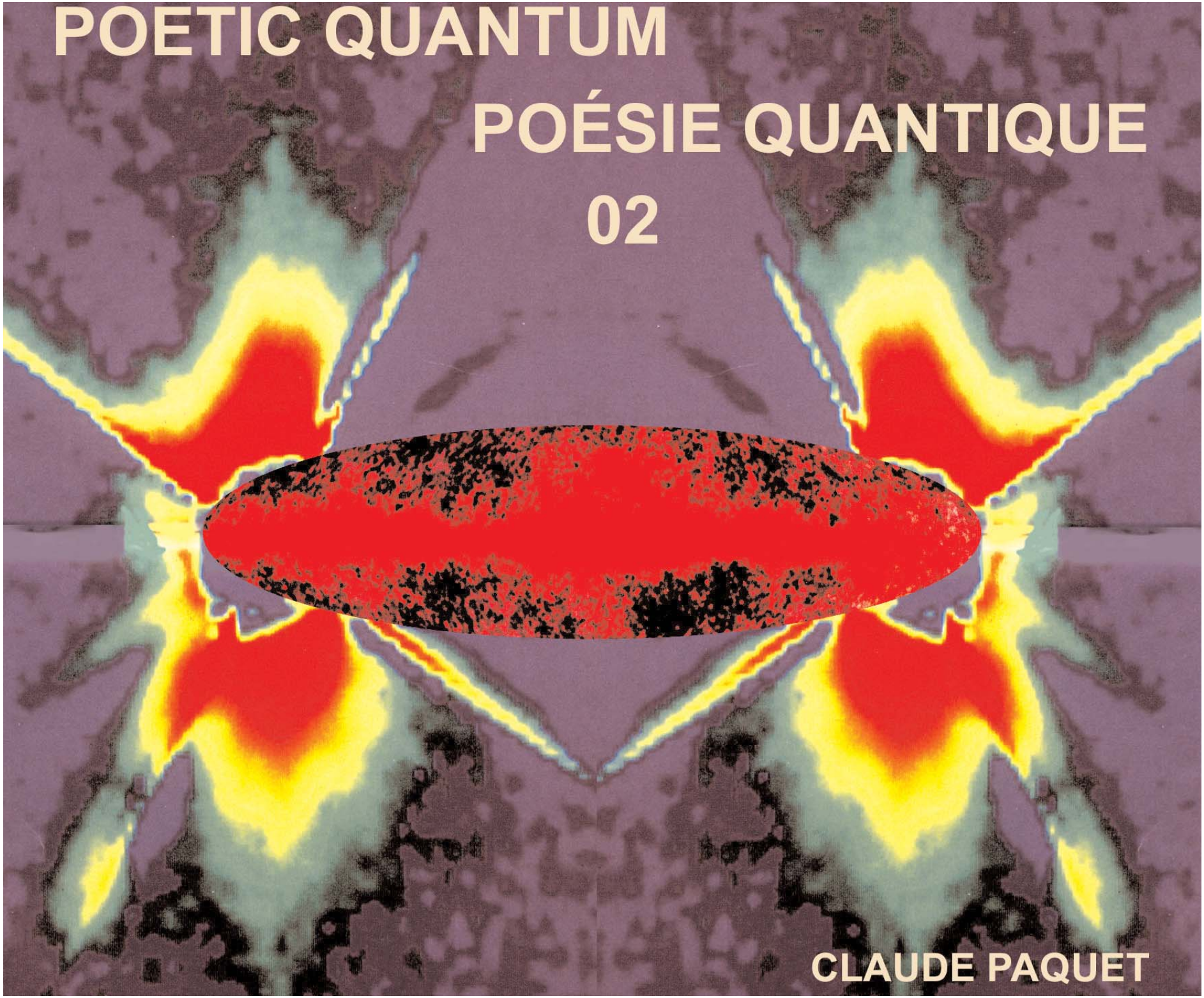
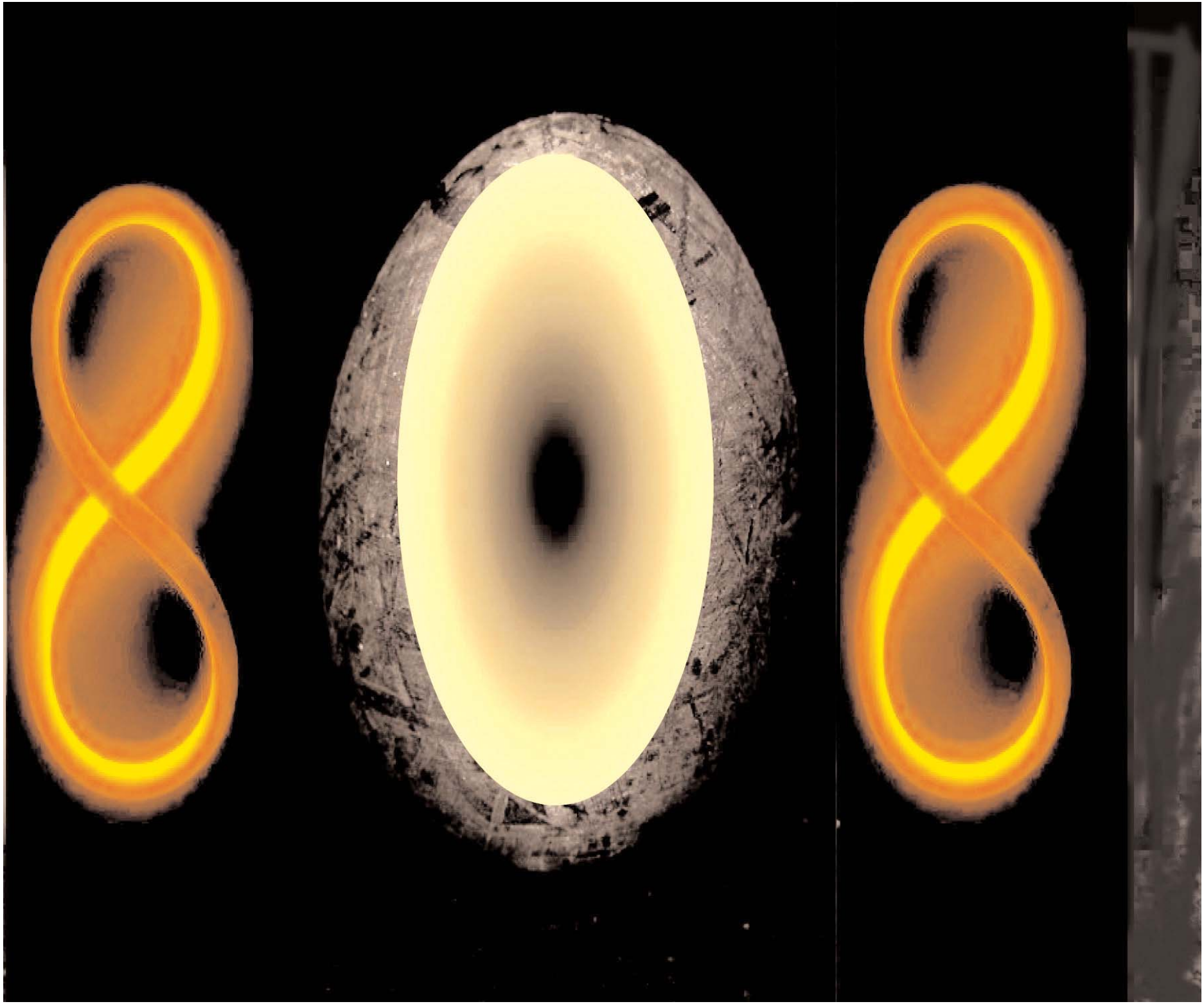
POETIC QUANTUM

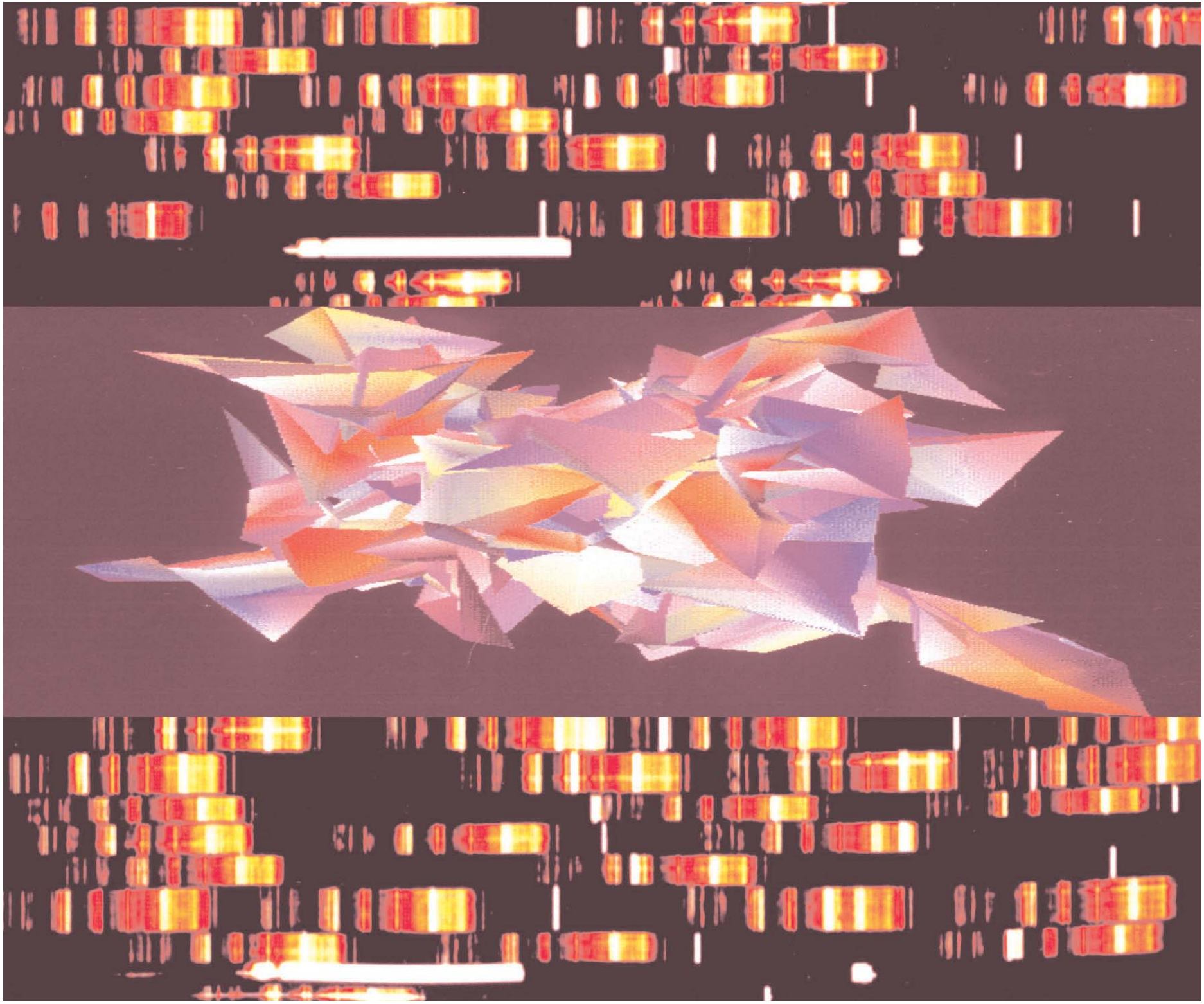
POÉSIE QUANTIQUE

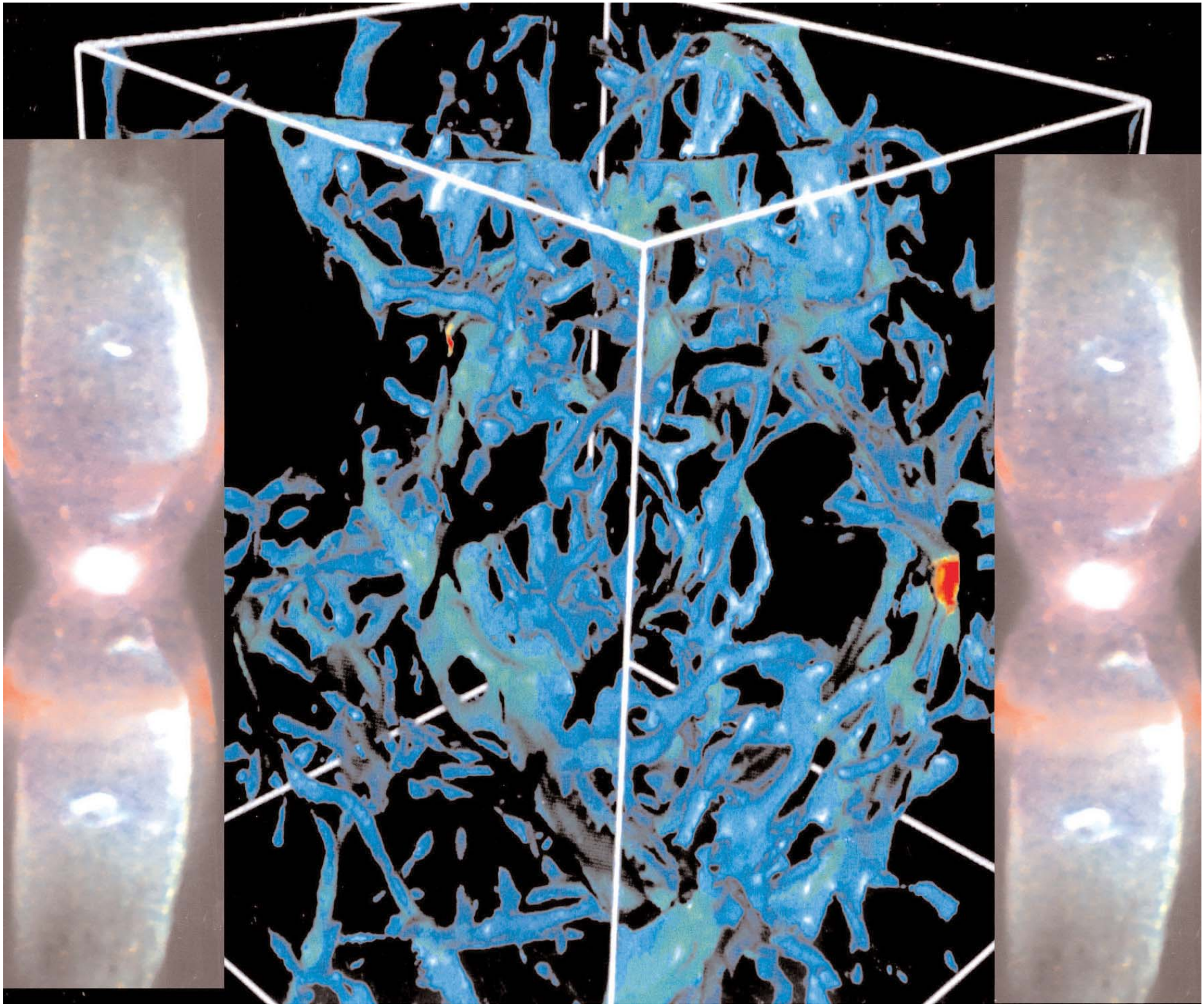
02

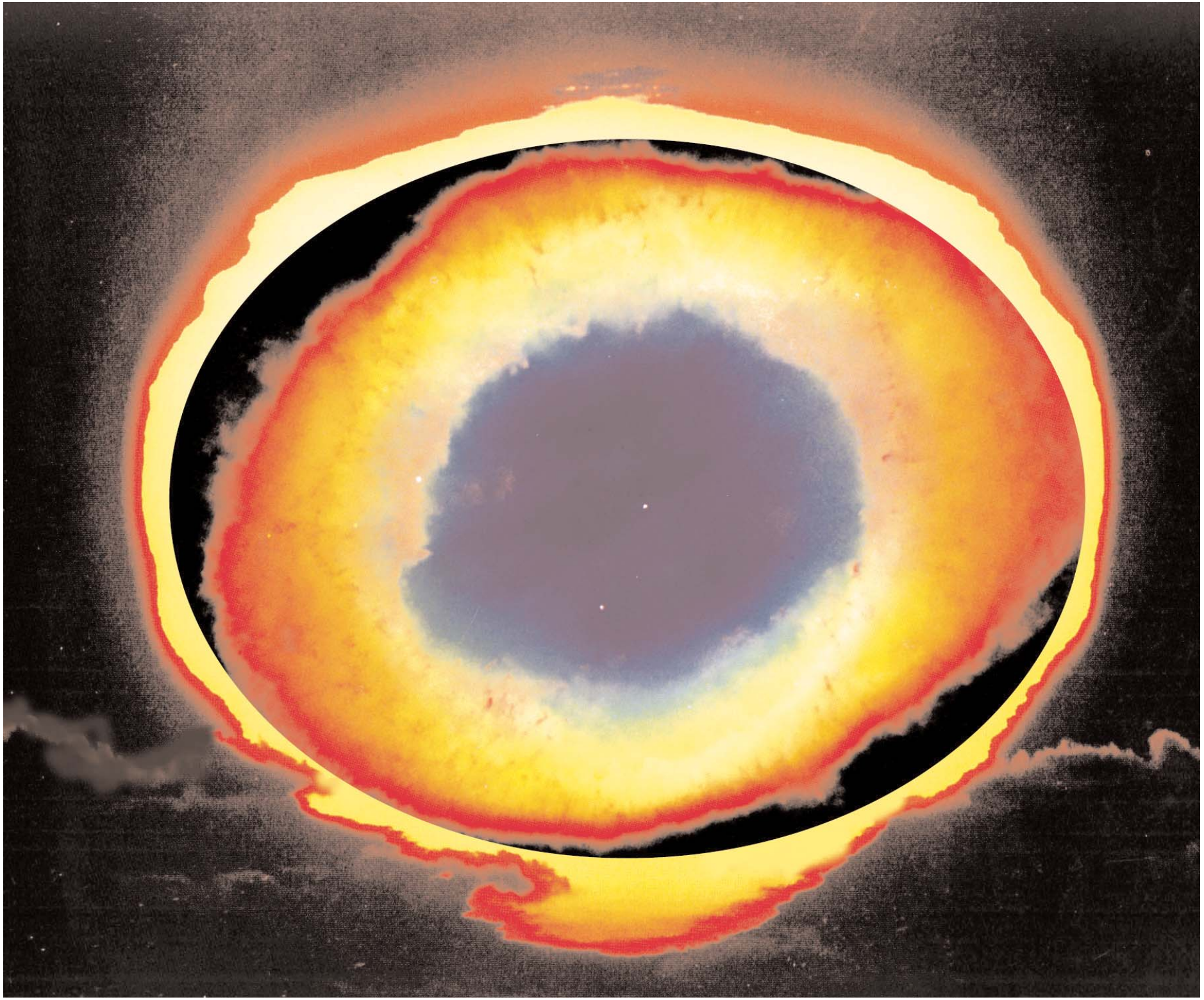


CLAUDE PAQUET

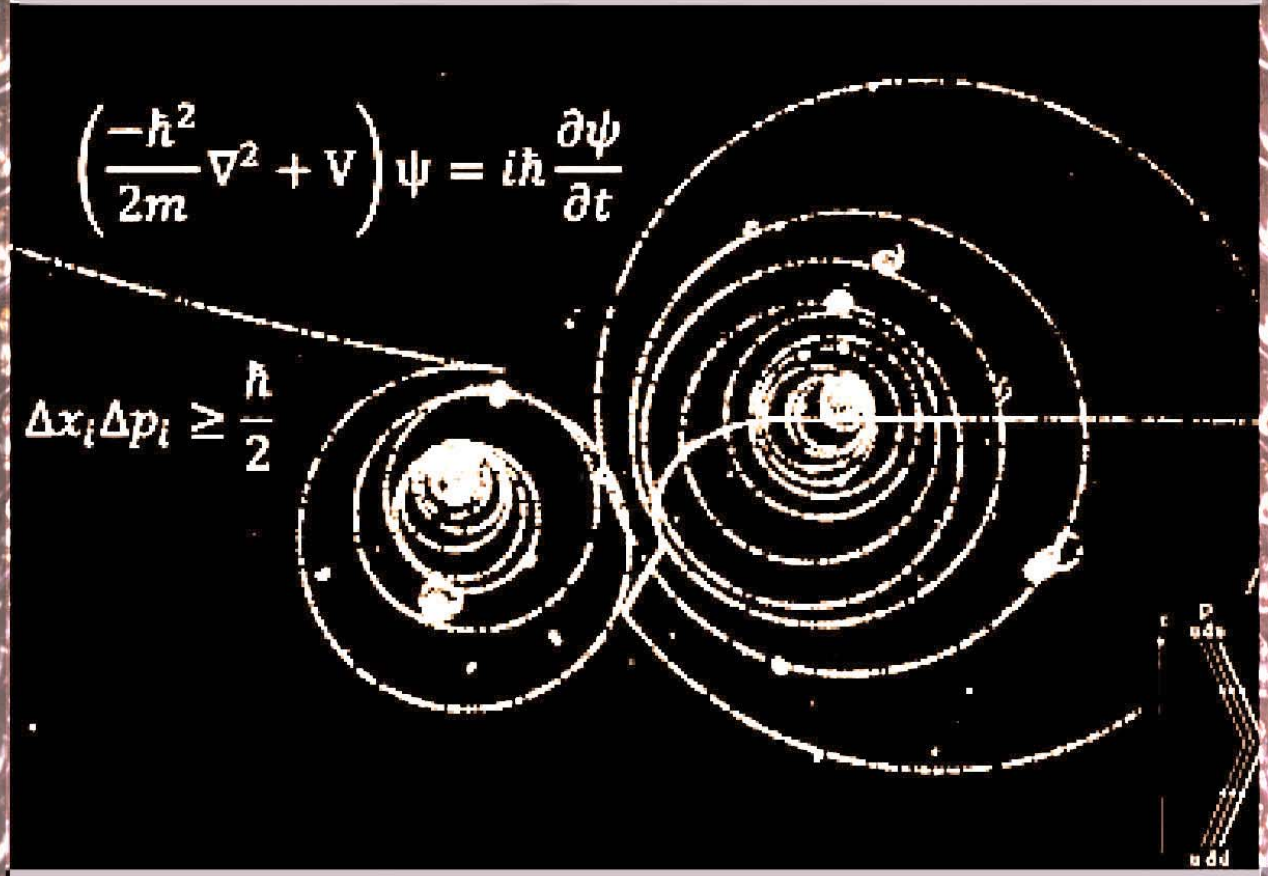




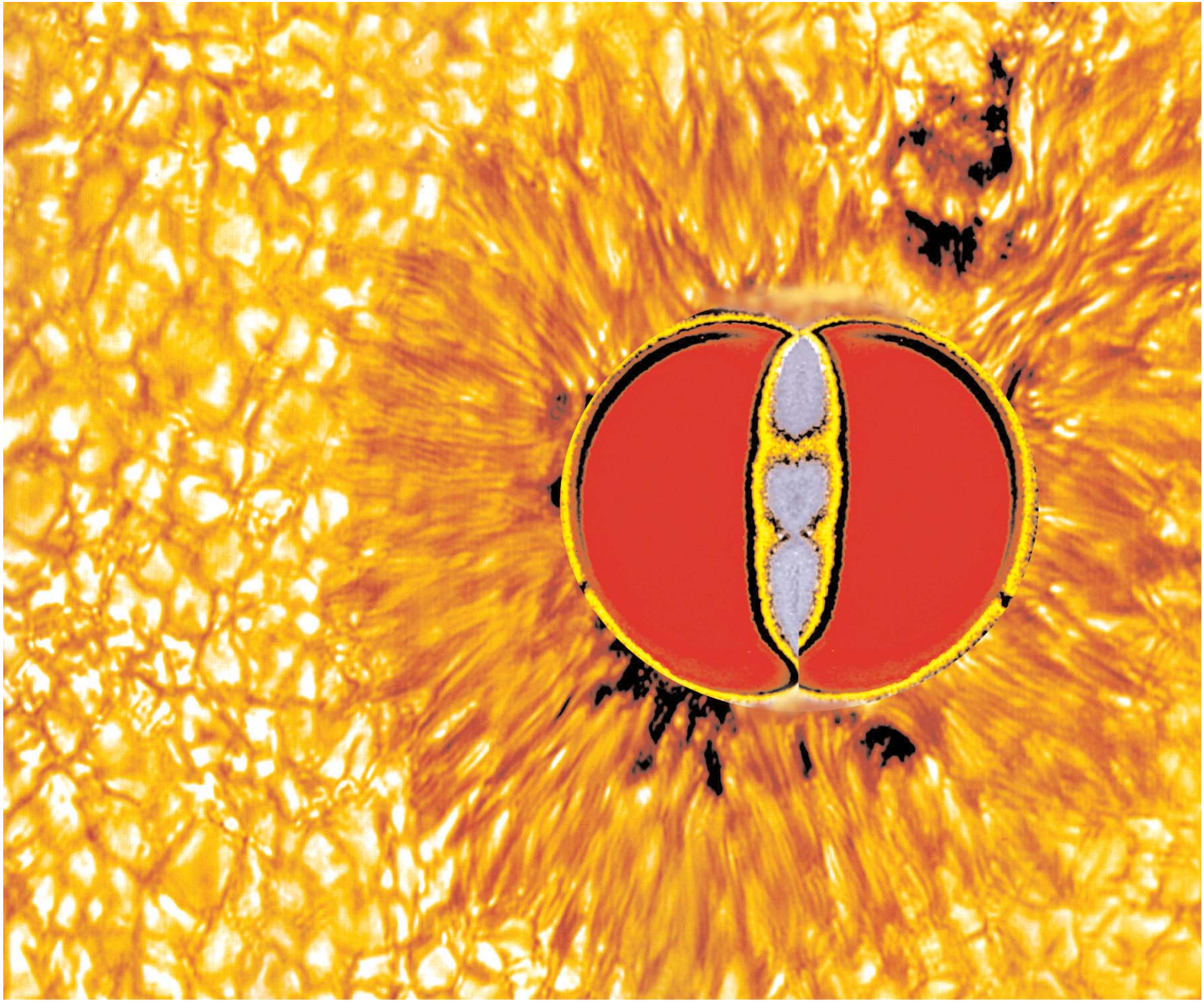


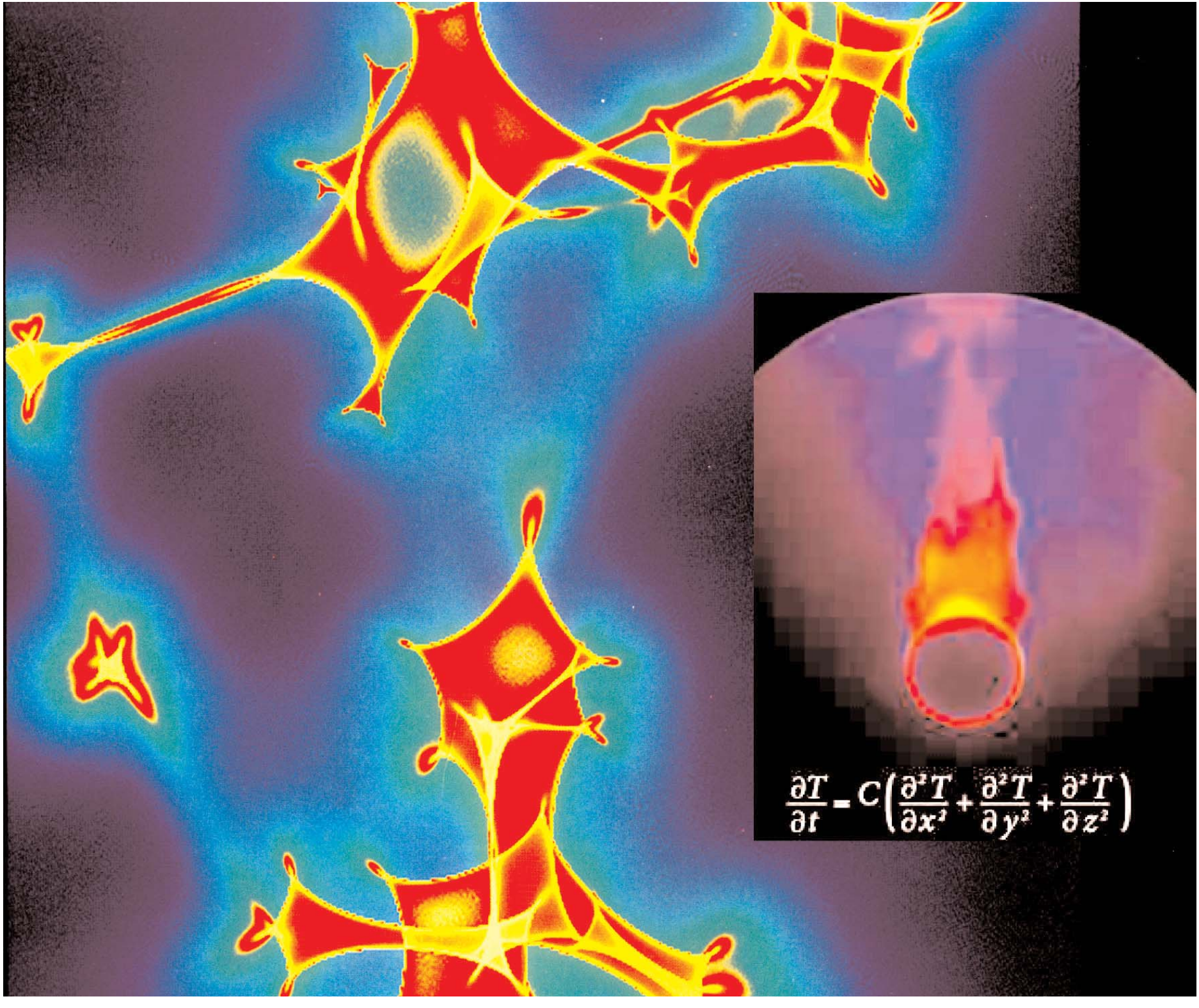


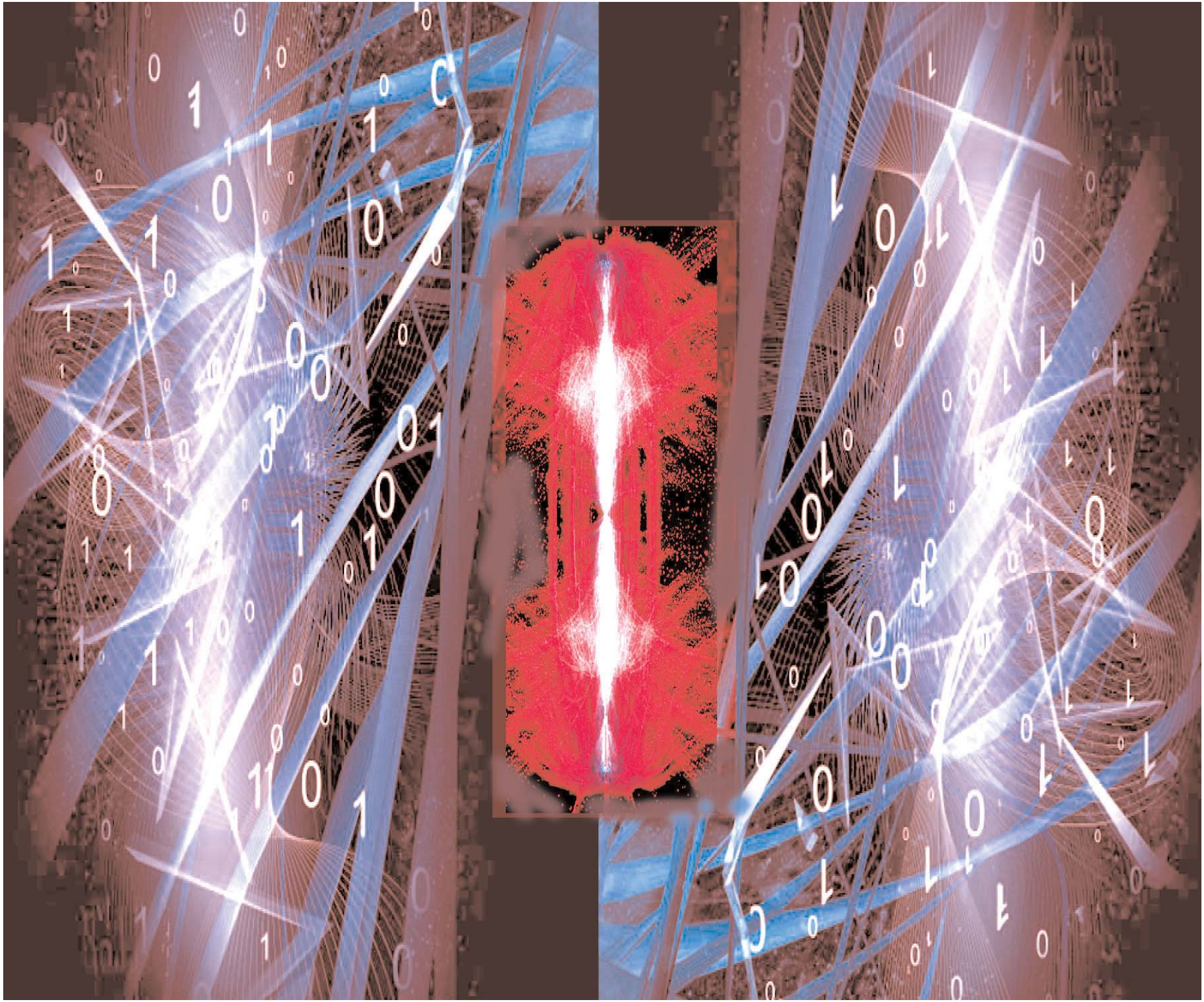
$$-\frac{\hbar^2}{2m}\nabla^2\psi(\mathbf{r})+V(\mathbf{r})\psi(\mathbf{r}) = E\,\psi(\mathbf{r})$$

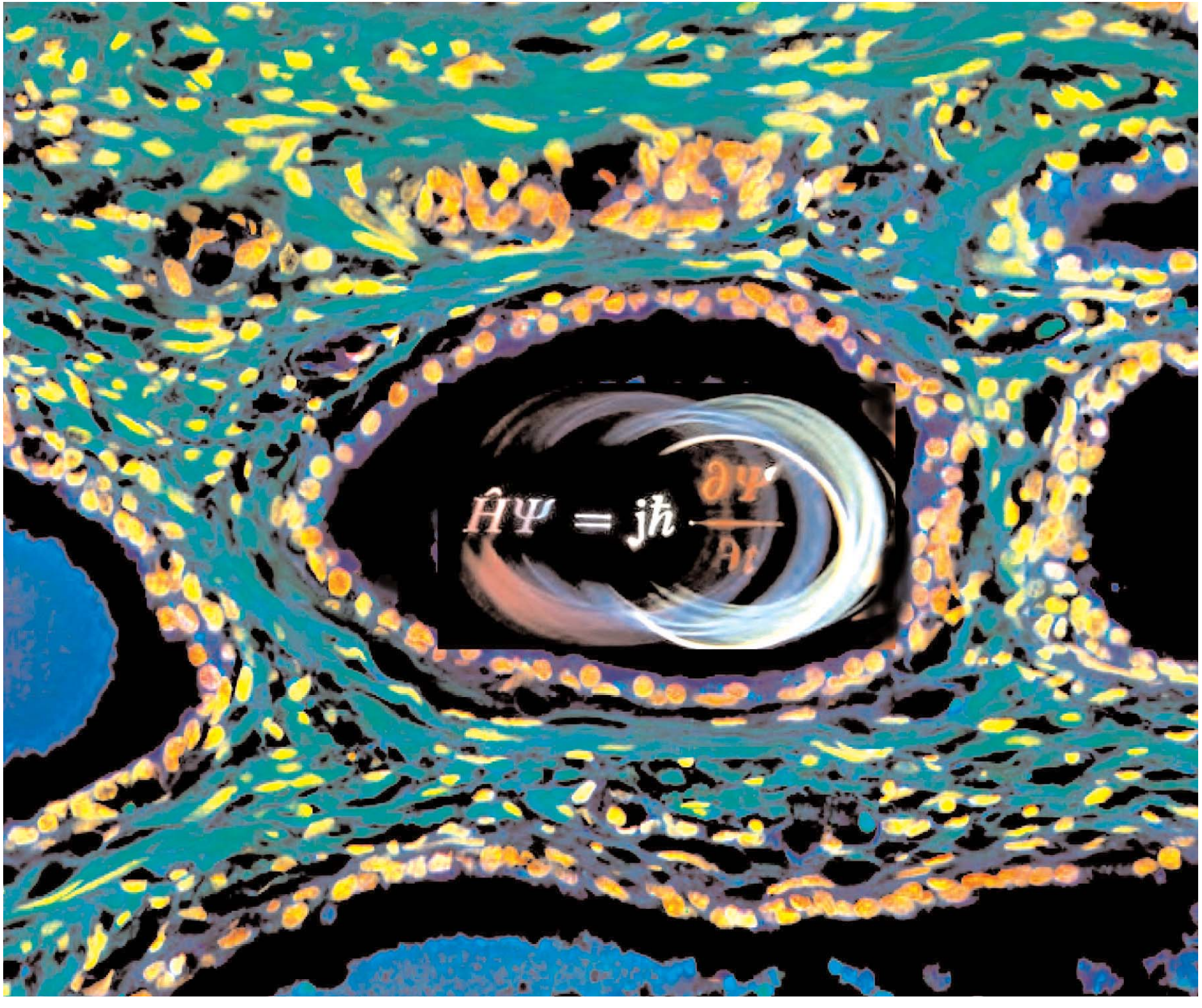


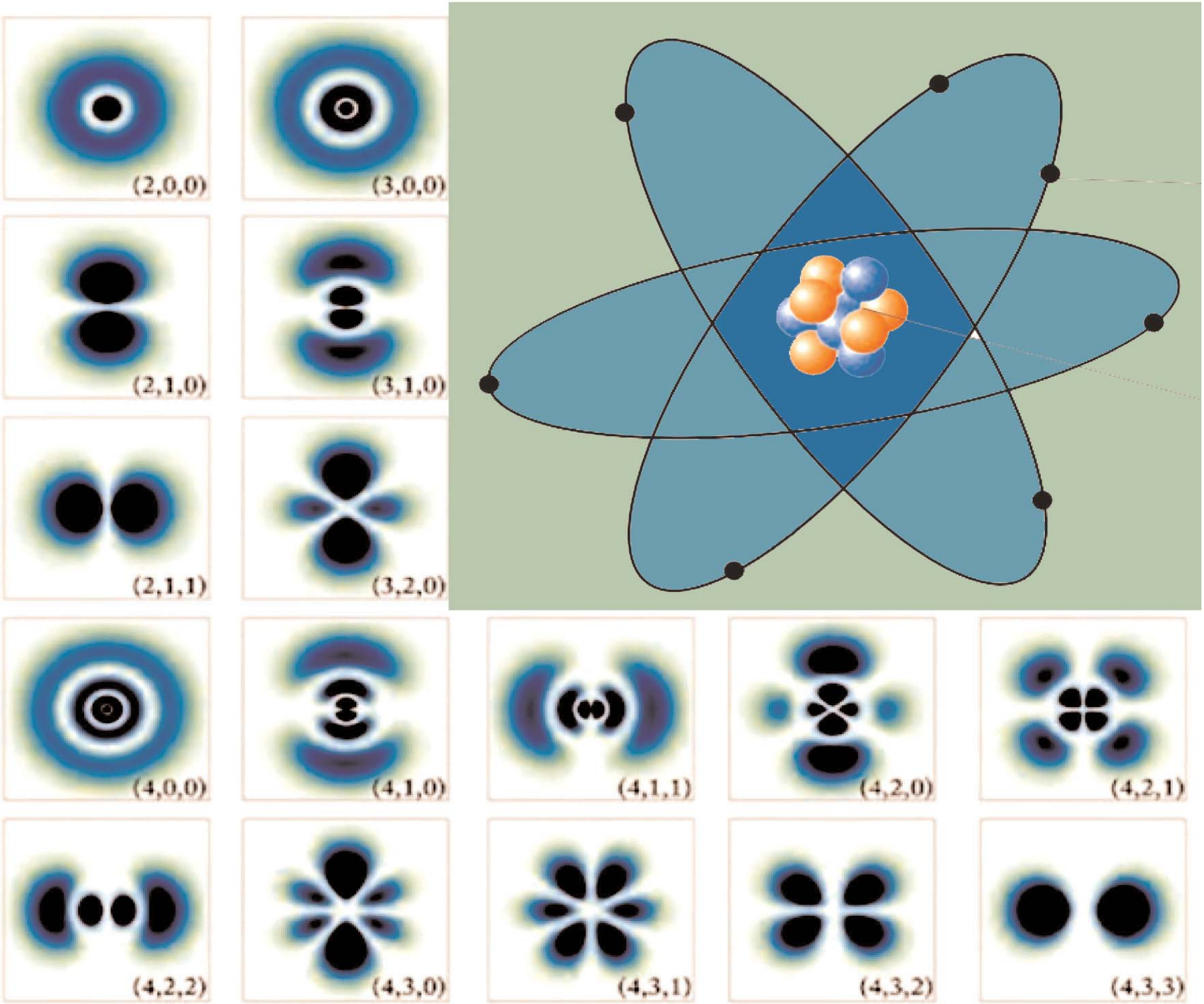
$$\left(\beta mc^2 + \sum_{k=1}^{3}\alpha_k p_k c\right)\psi(\mathbf{x},t) = i\hbar\frac{\partial\psi(\mathbf{x},t)}{\partial t}$$




$\frac{\partial T}{\partial t} = C\left(\frac{\partial^2 T}{\partial x^2} + \frac{\partial^2 T}{\partial y^2} + \frac{\partial^2 T}{\partial z^2}\right)$




$\hat{H}\Psi = j\hbar \frac{\partial \Psi}{\partial t}$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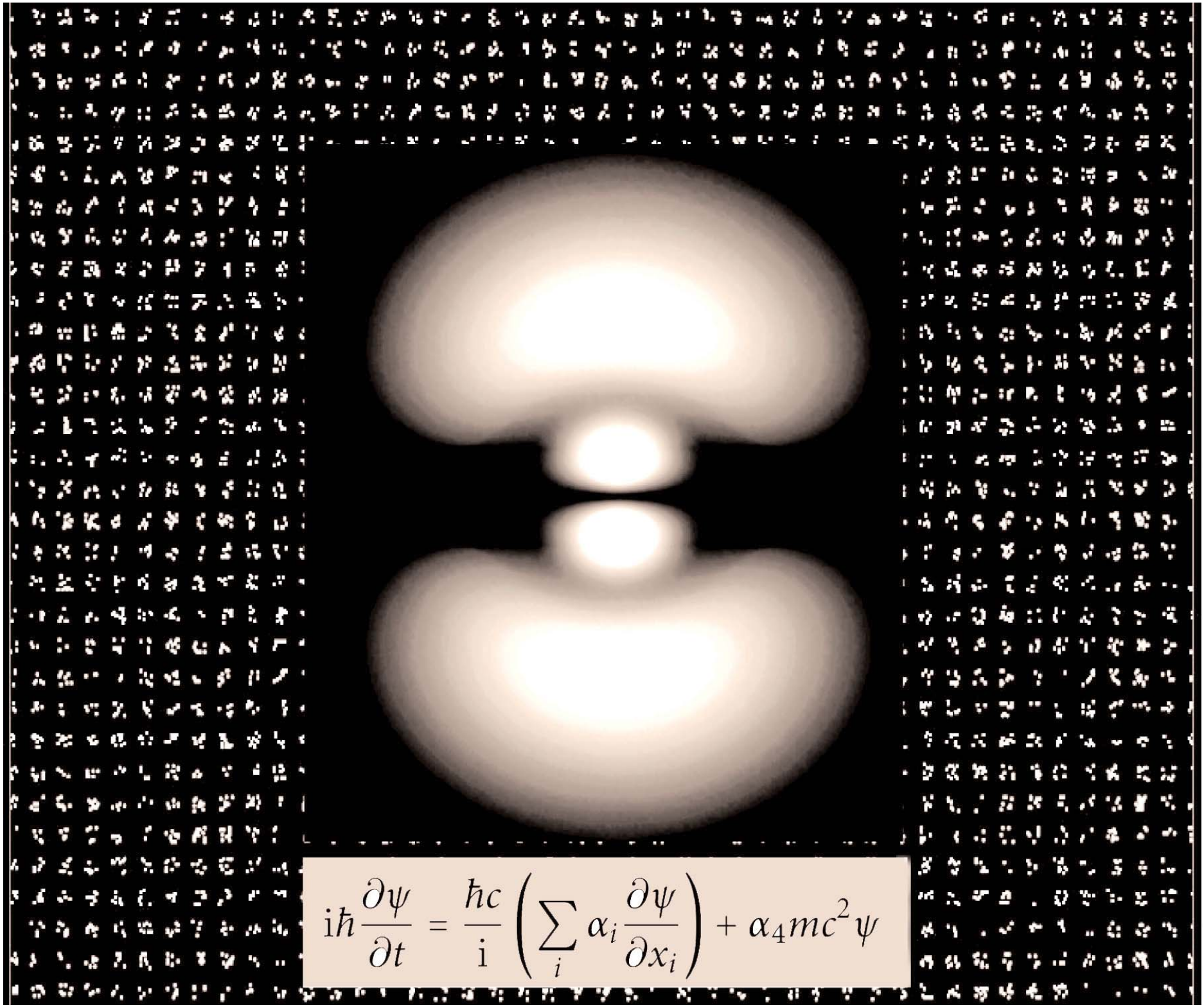
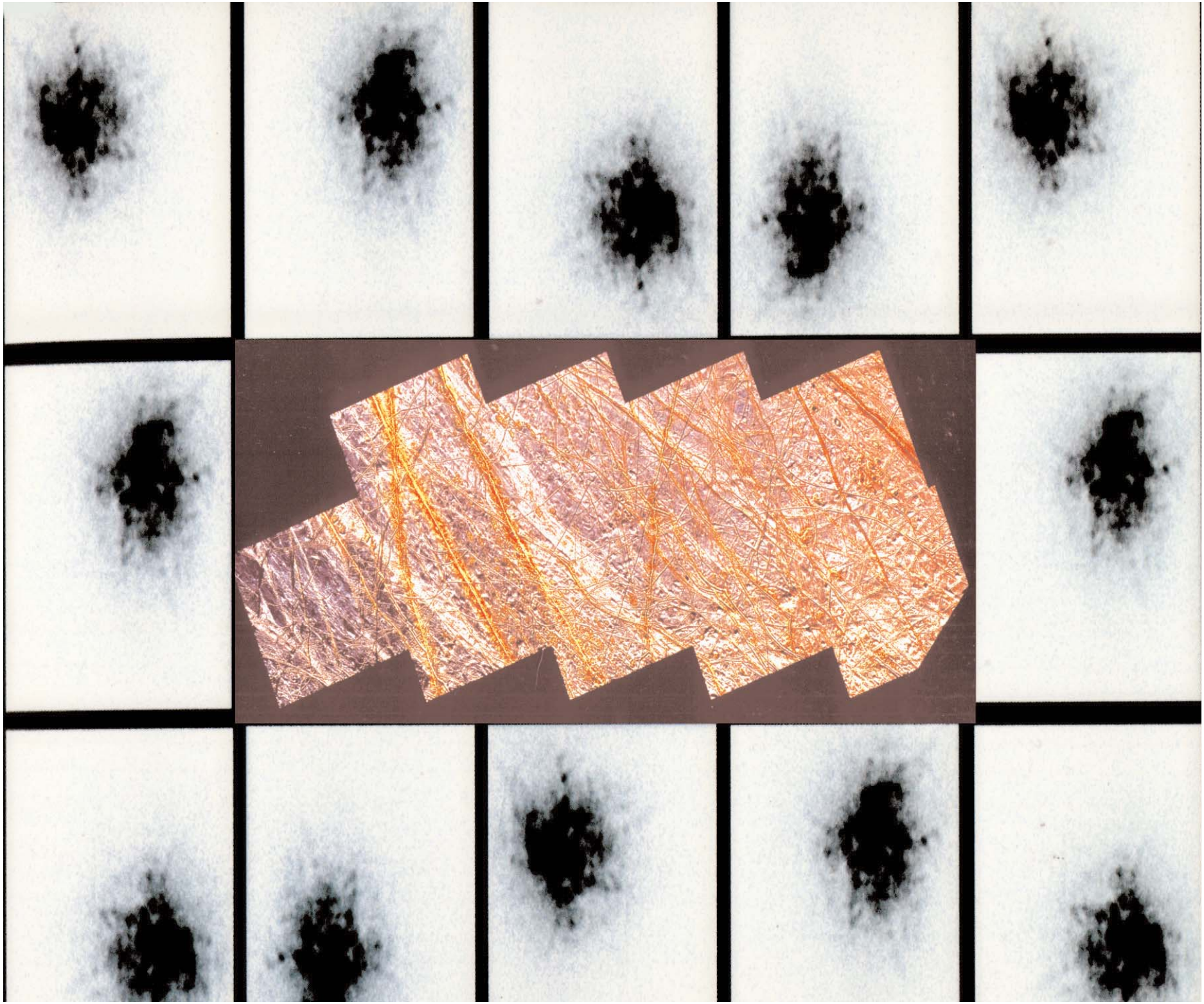
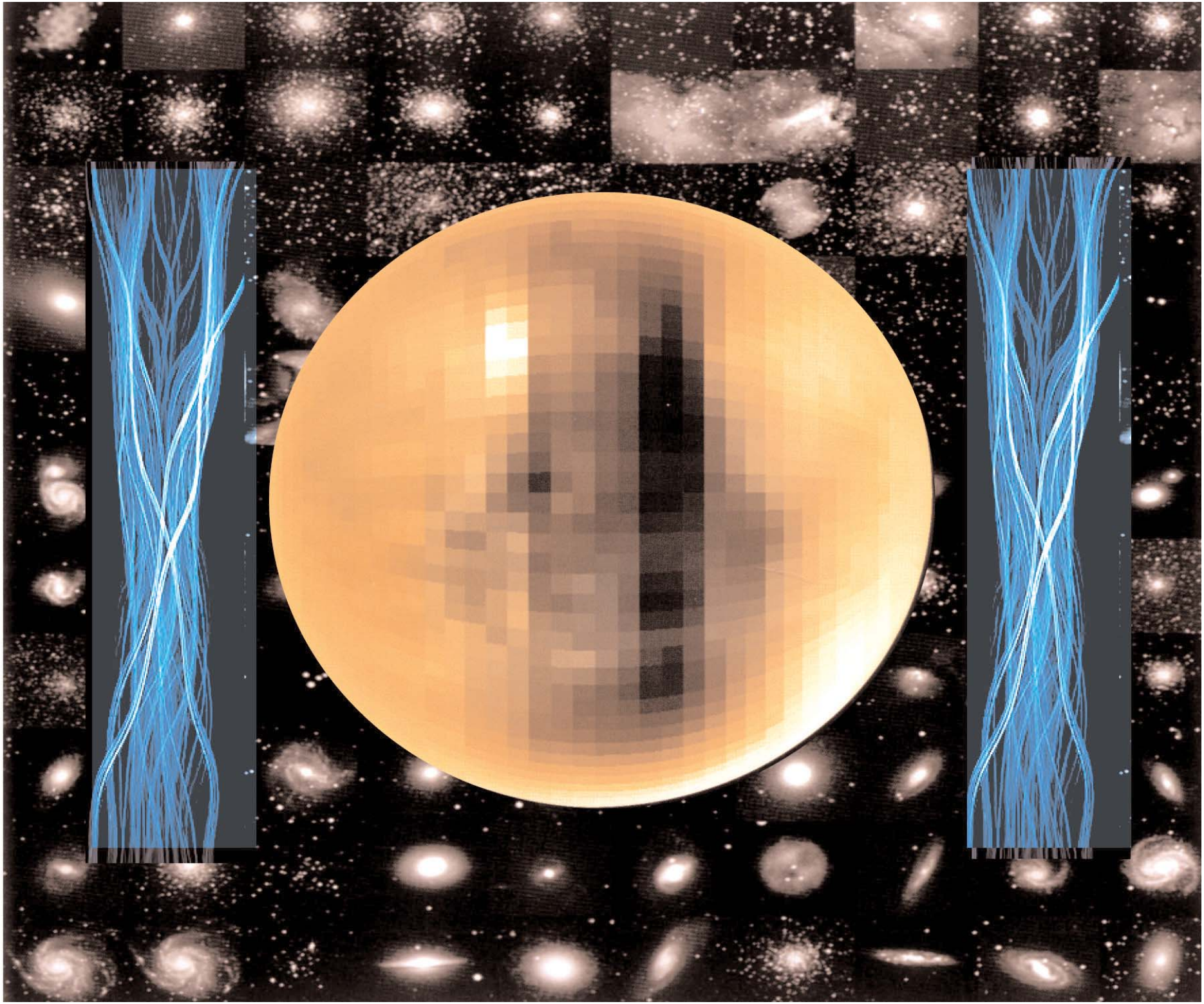
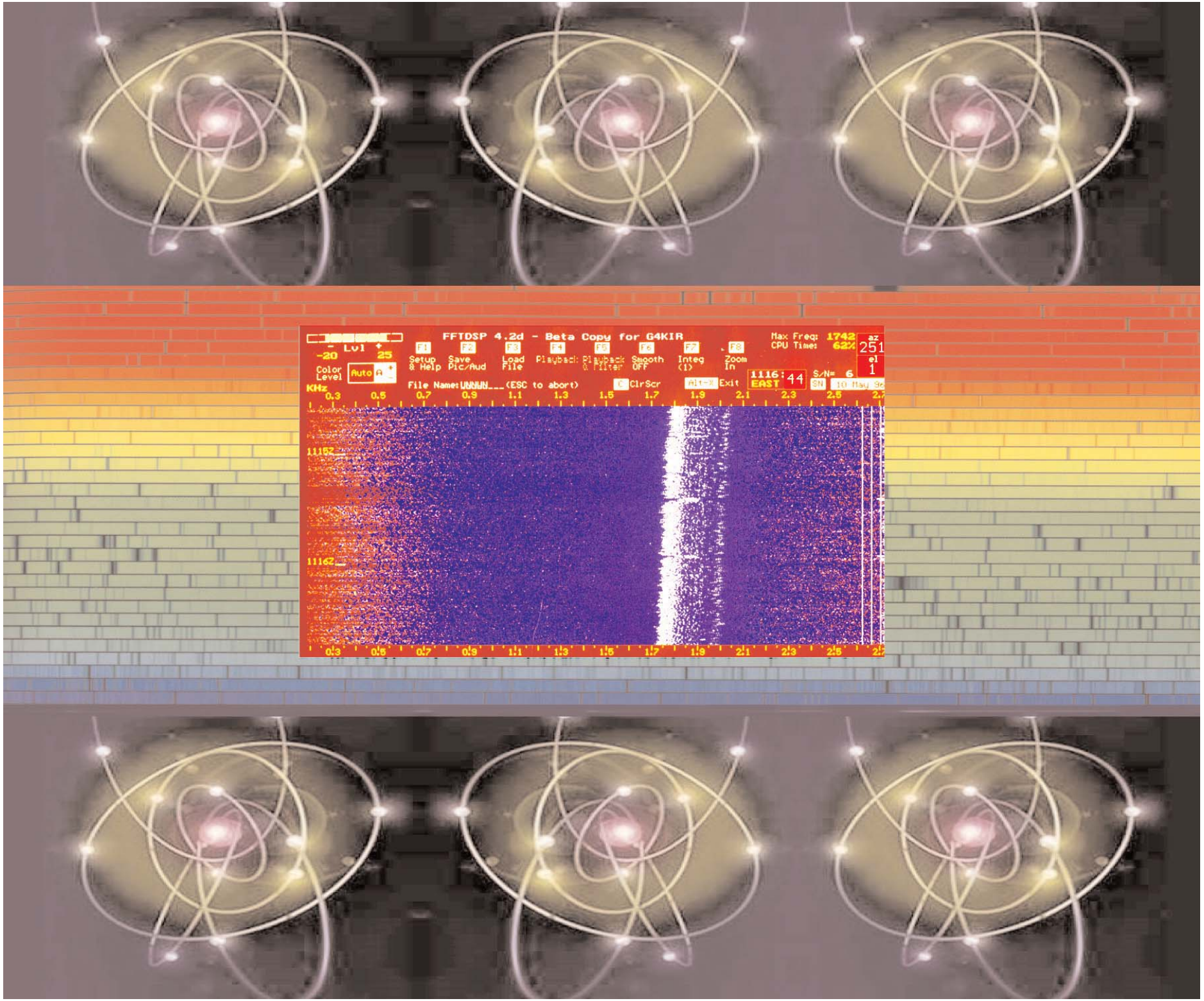


$$\mathrm{i}\hbar\frac{\partial\psi}{\partial t} = \frac{\hbar c}{\mathrm{i}}\left(\sum_i \alpha_i \frac{\partial\psi}{\partial x_i}\right) + \alpha_4 m c^2 \psi$$



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CPU Time: 62%
Lvl
-20
25
Color Level
Auto
Setup & Help
Save Pic/Aud
Load File
Playback
Playback & Filter
Smooth OFF
Integ (1)
Zoom In
File Name: UNNWN___ (ESC to abort)
ClrScr
Alt-X Exit
1116: 44
EAST
S/N= 6
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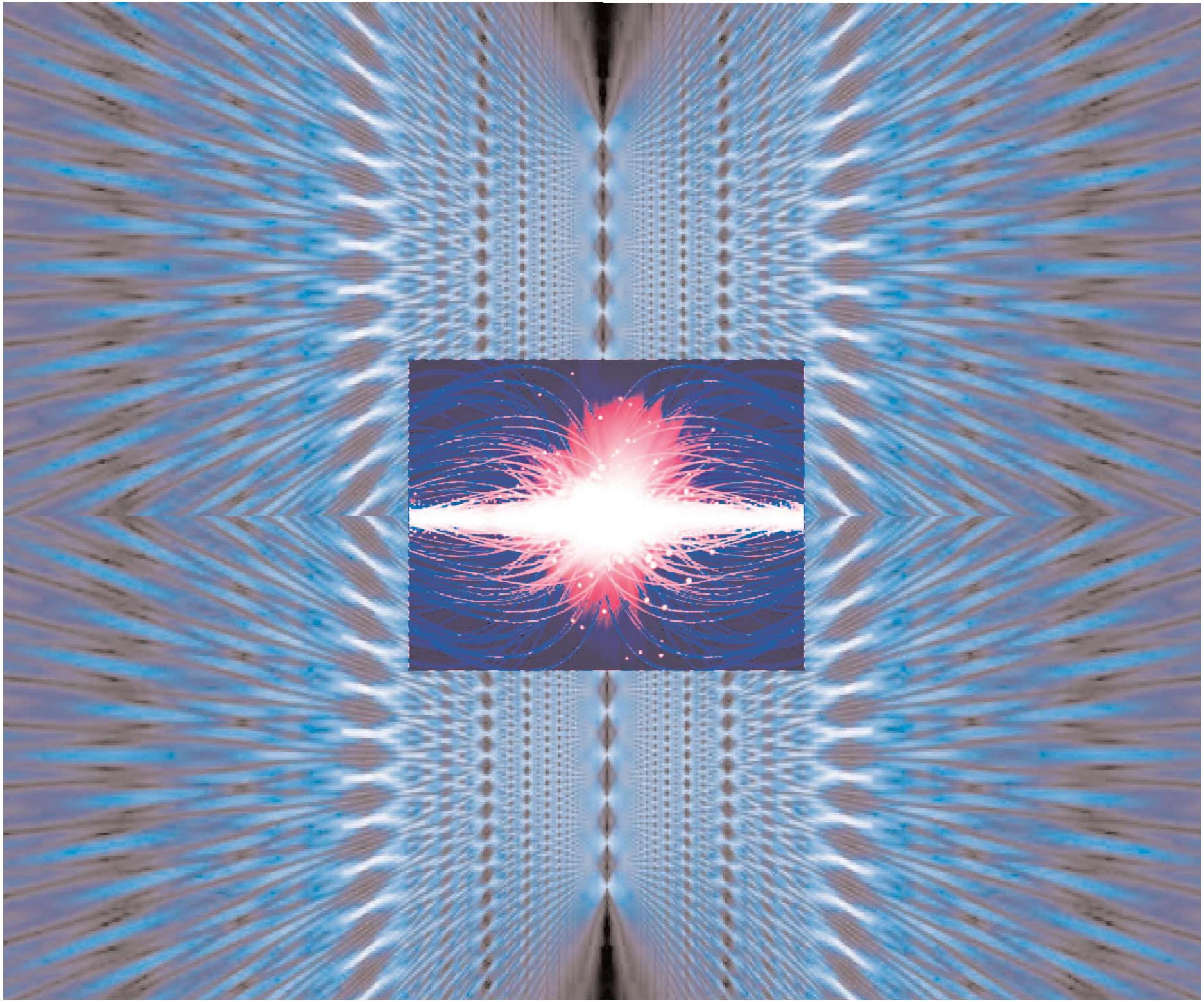

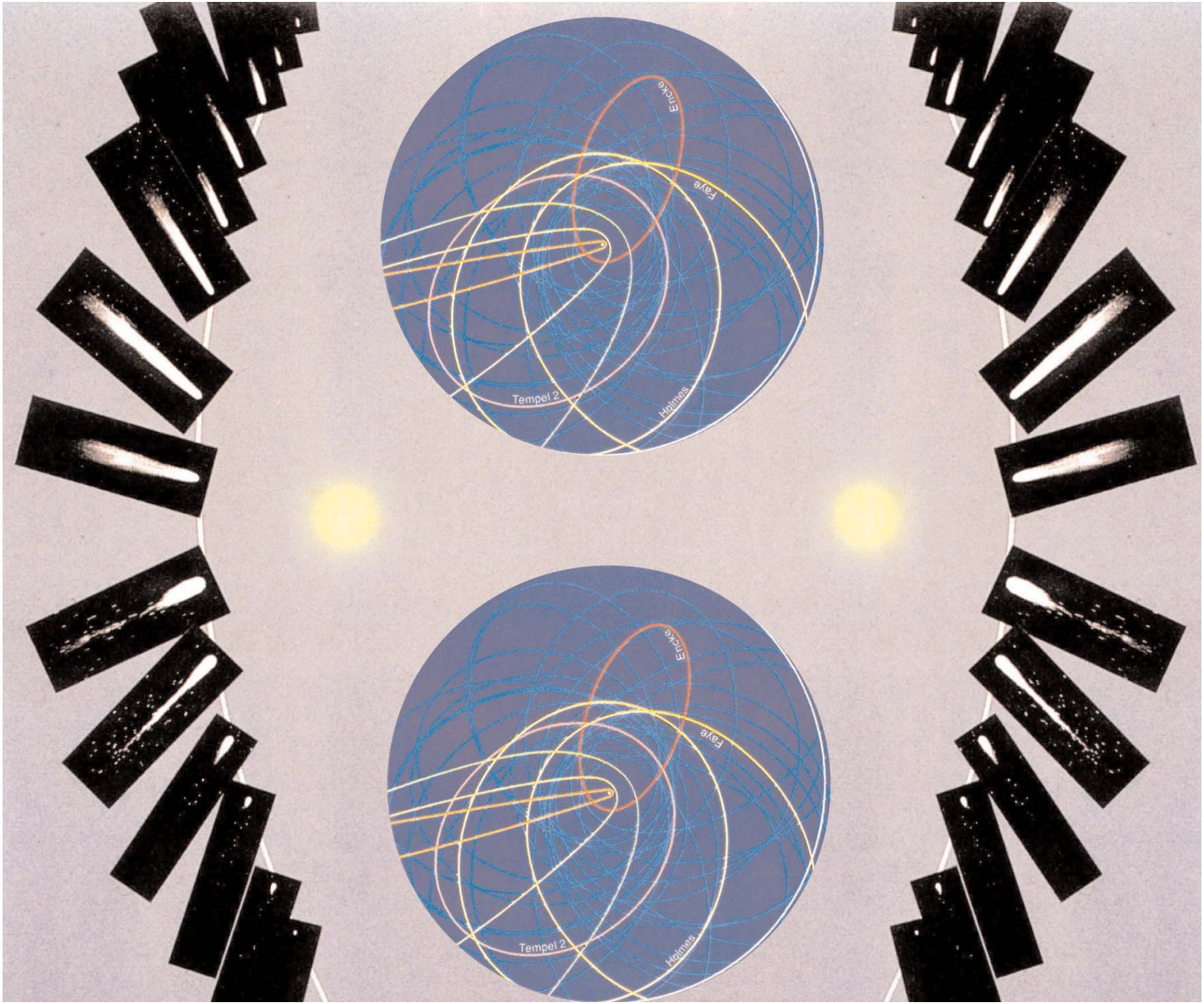
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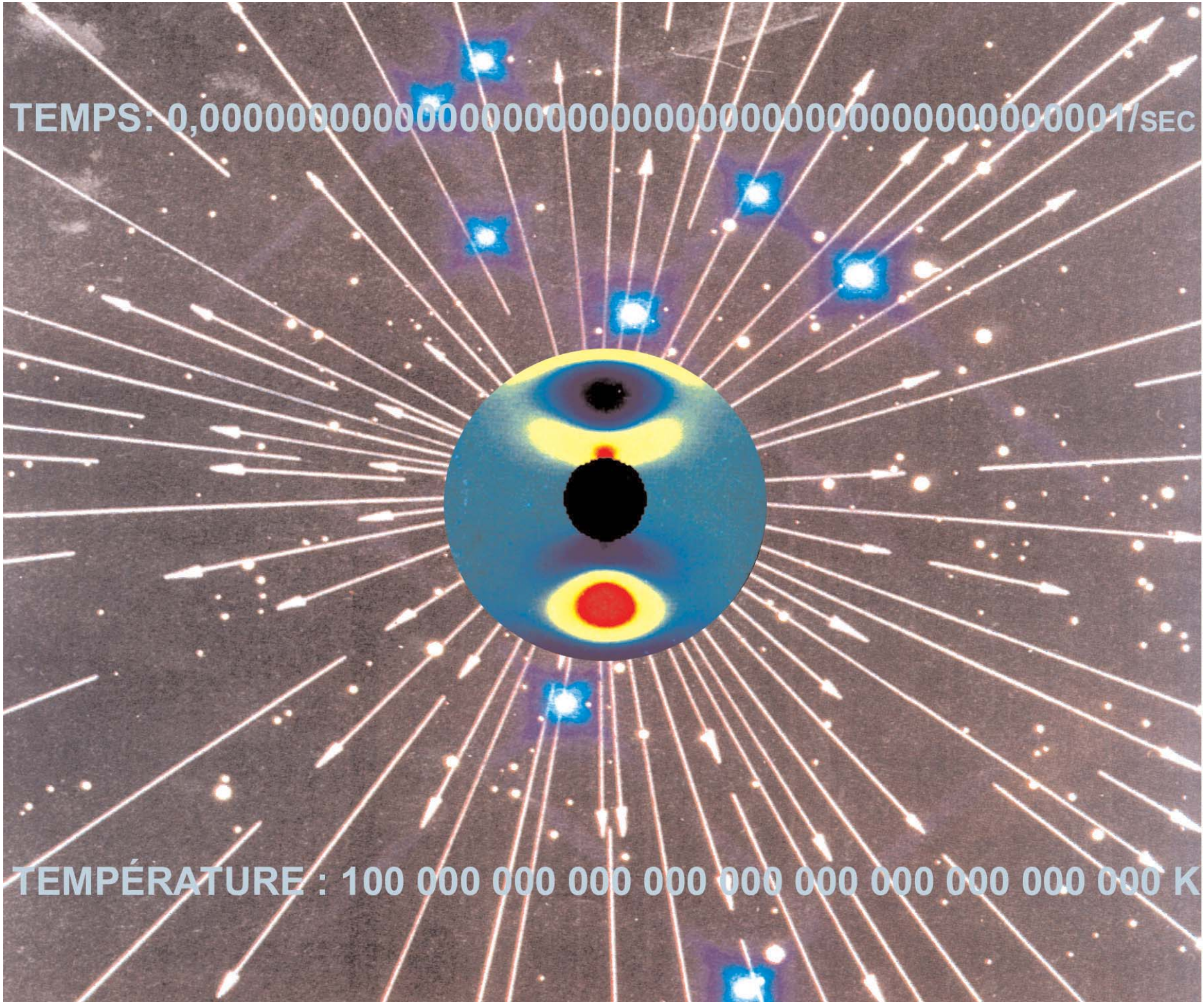
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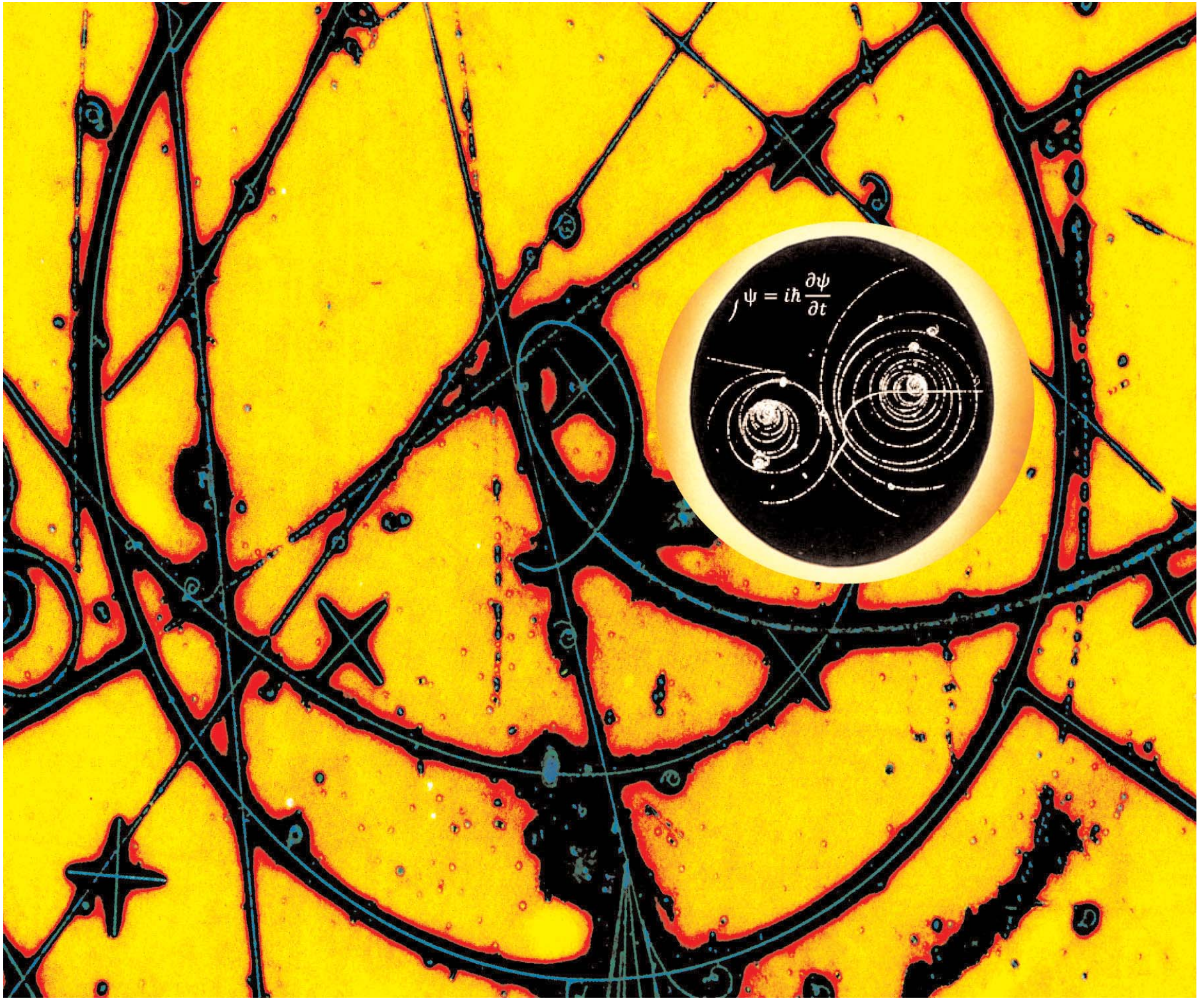
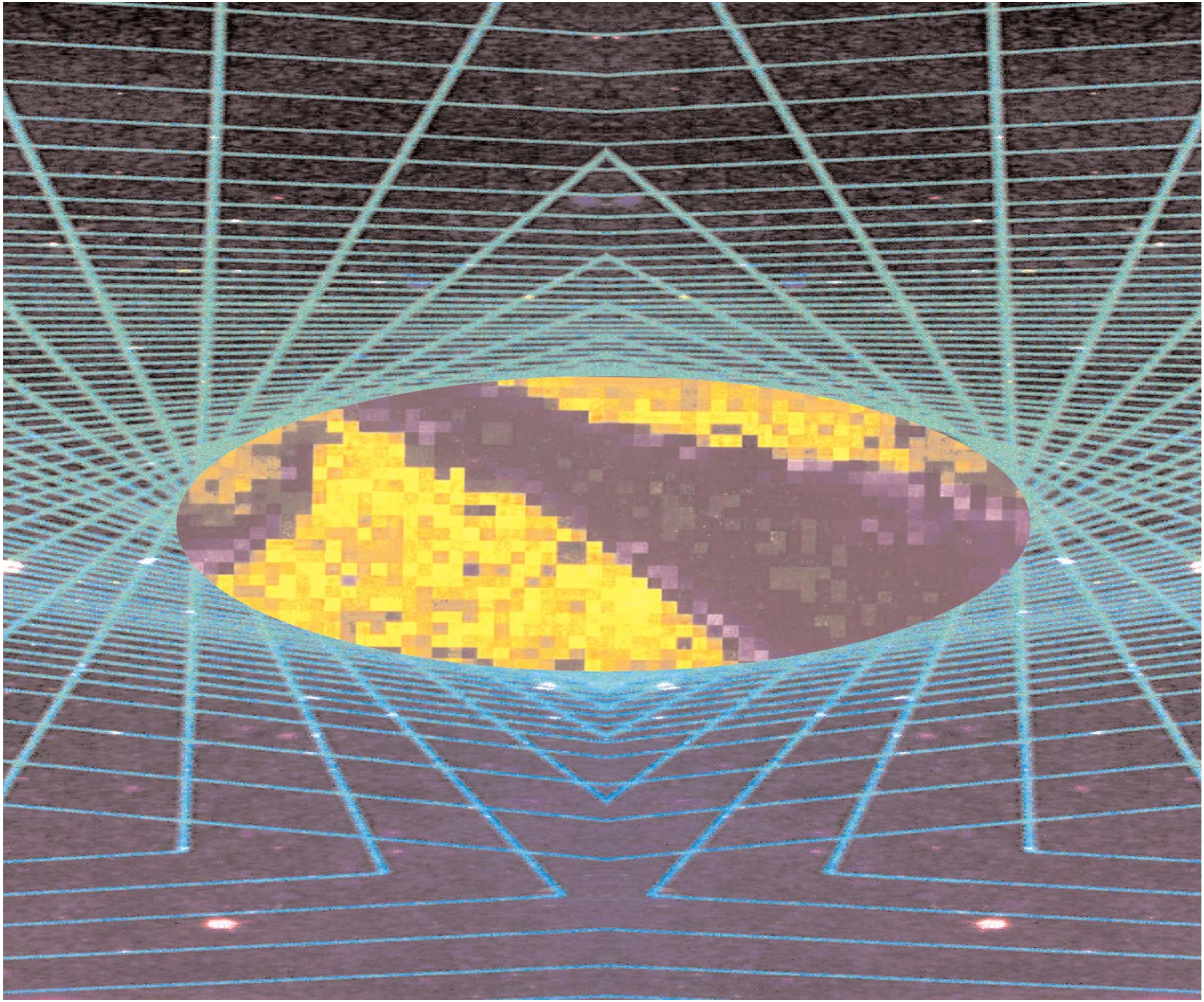
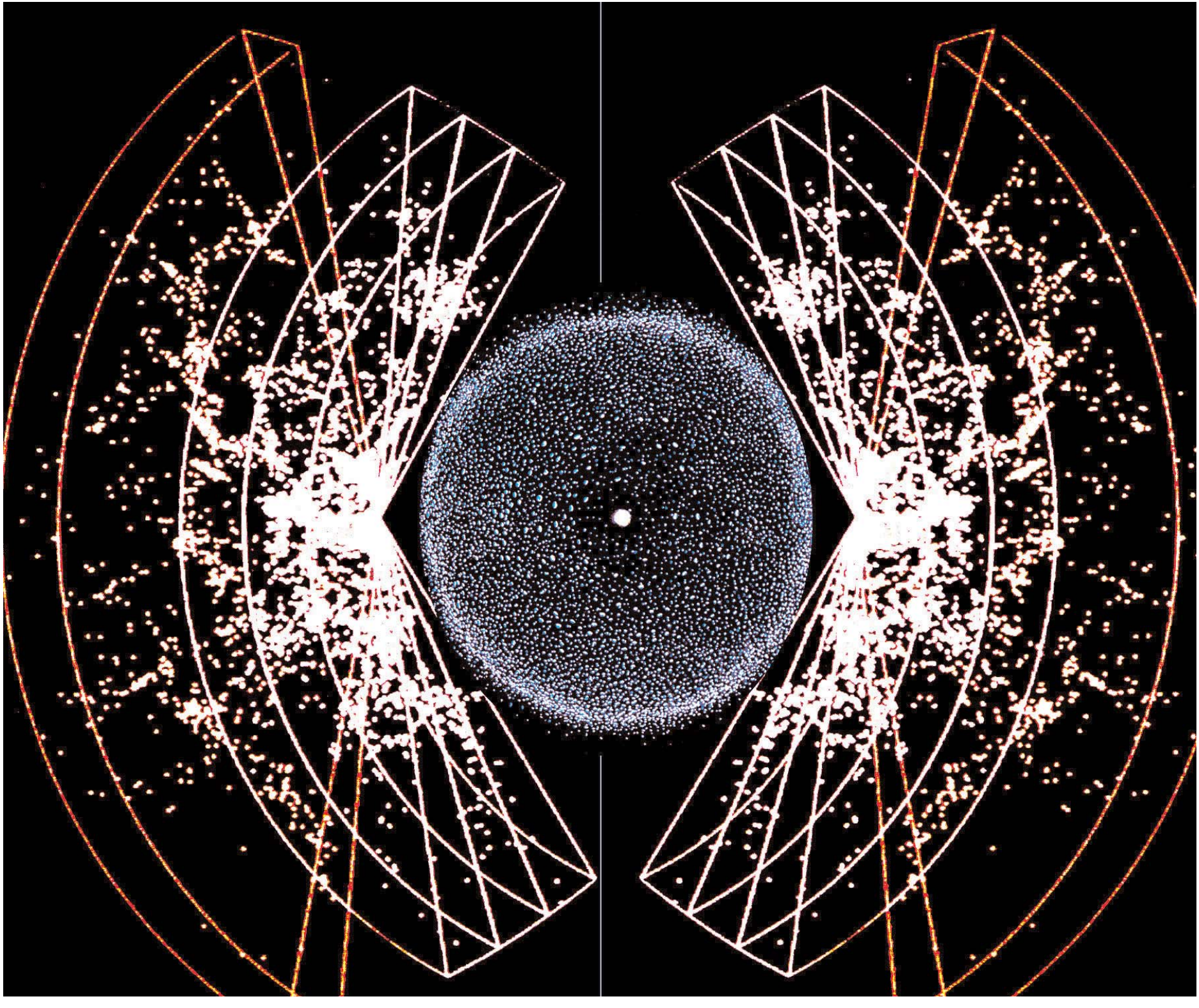
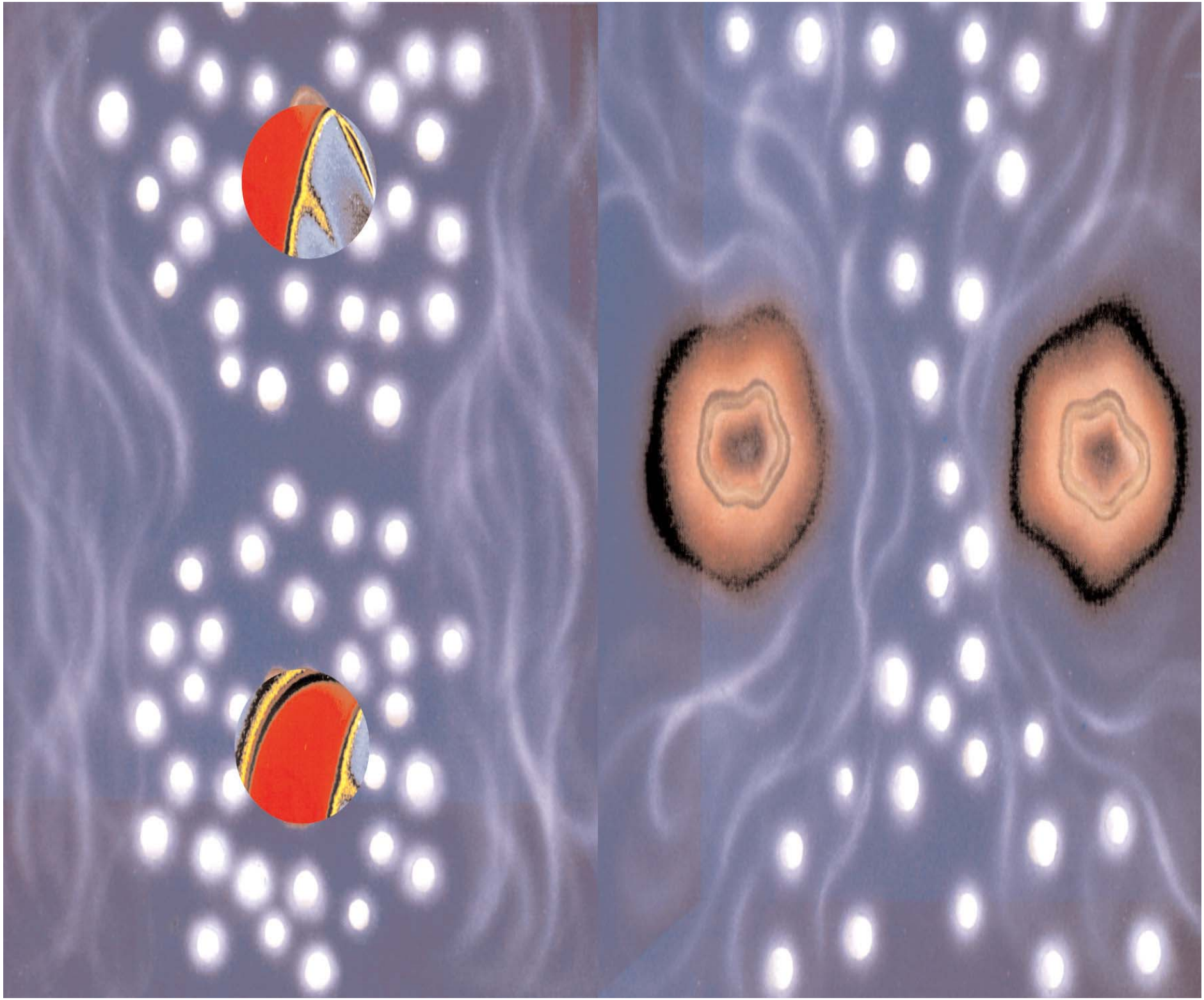
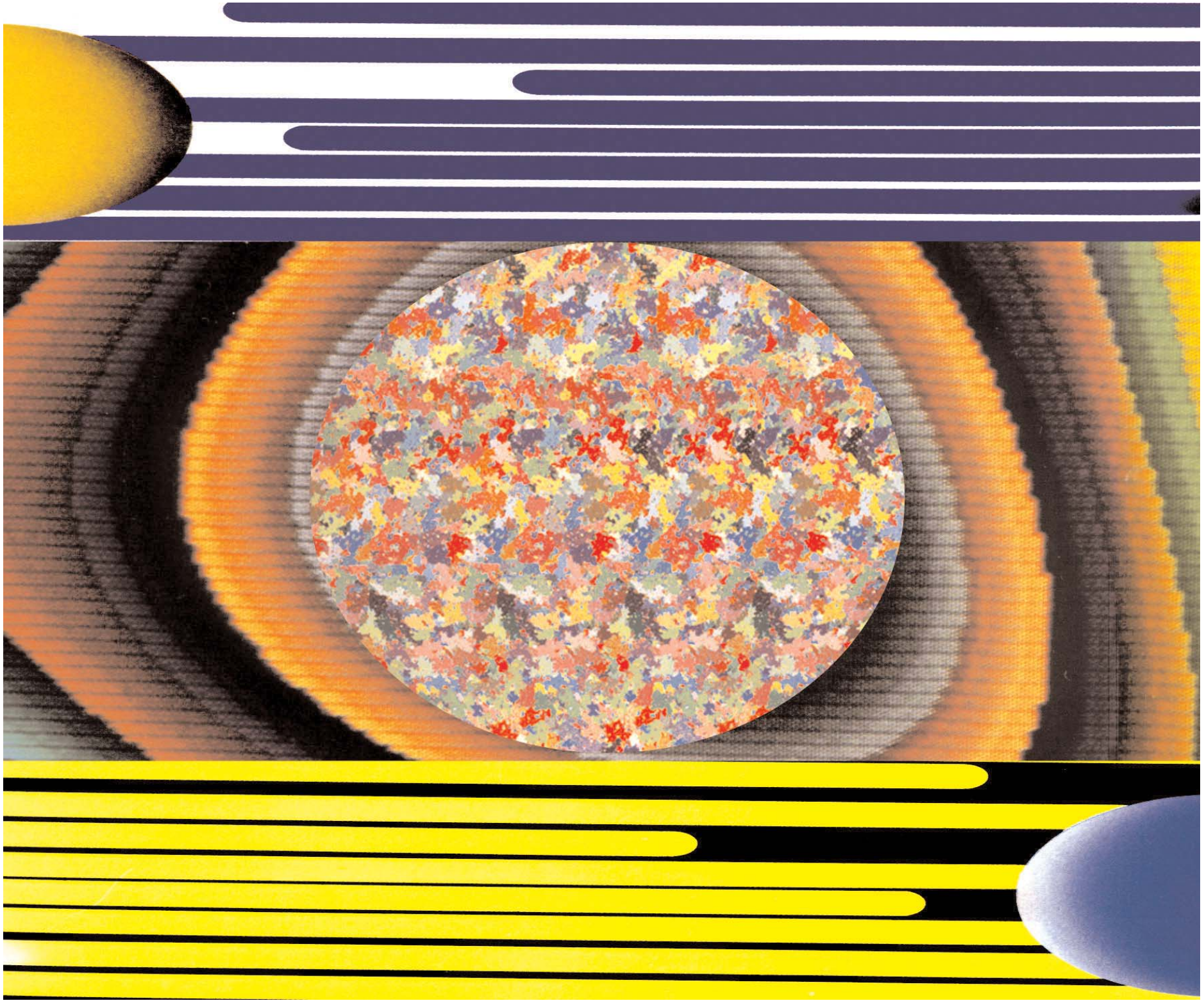
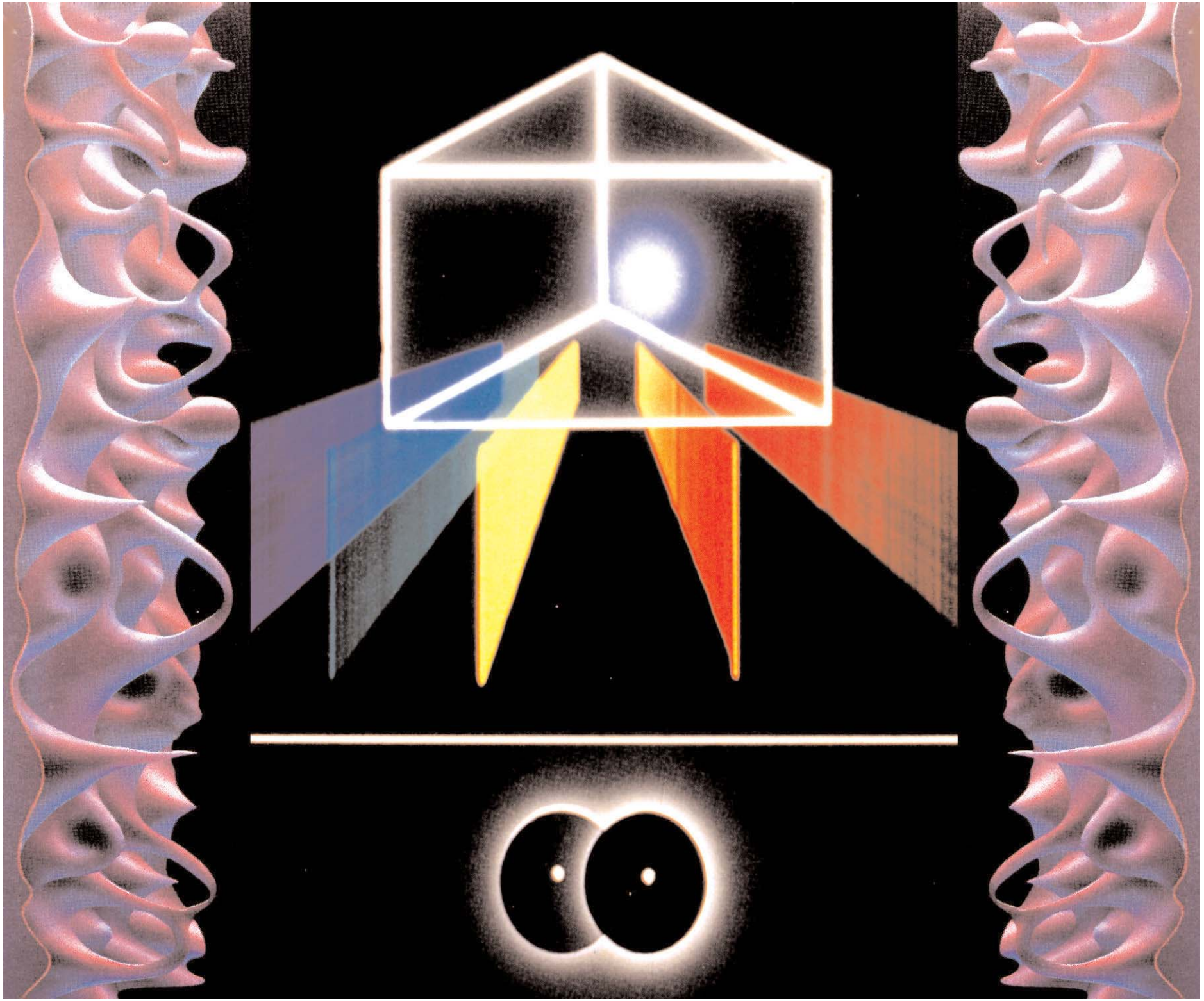

$\int \psi = i\hbar \frac{\partial \psi}{\partial t}$

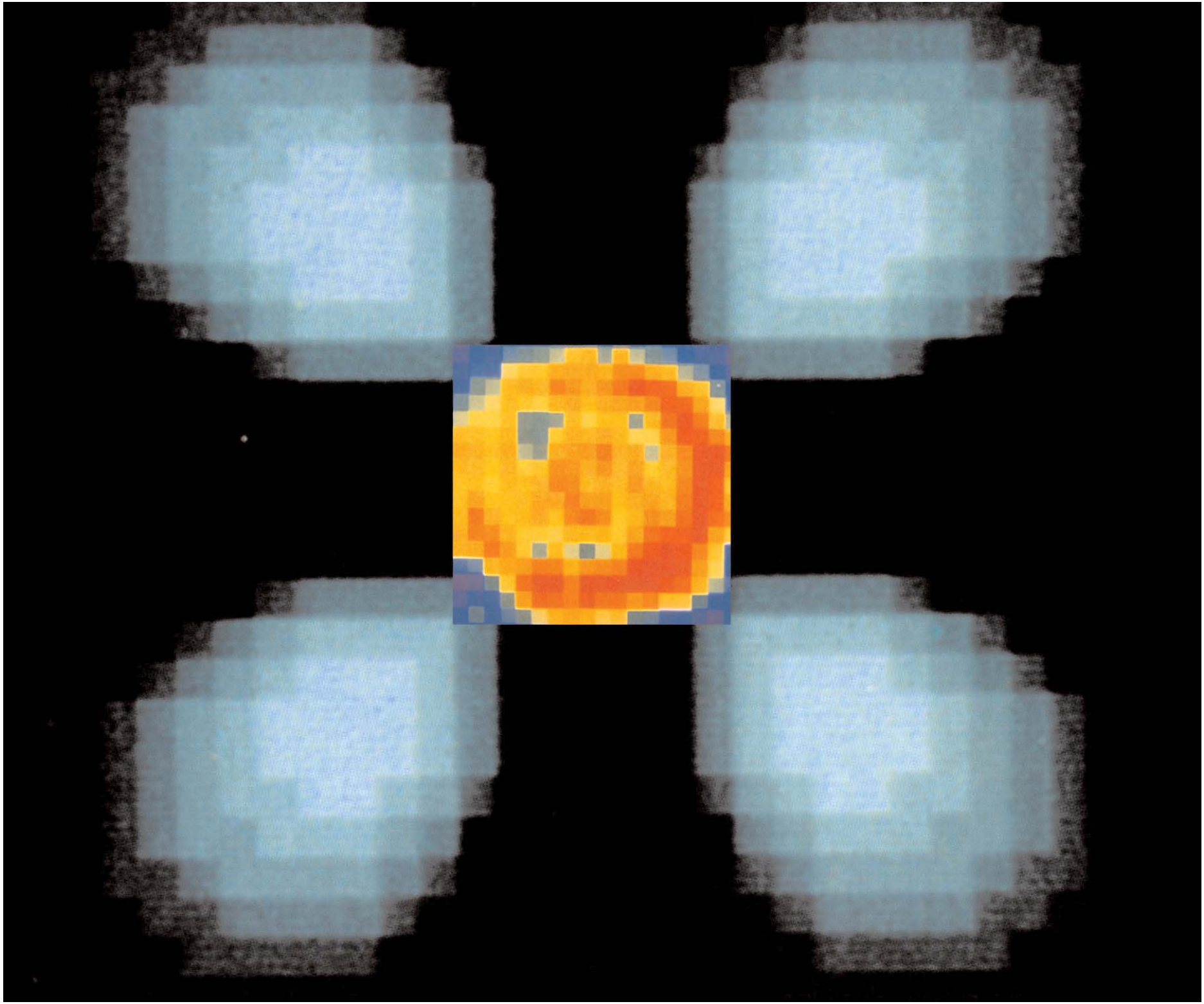


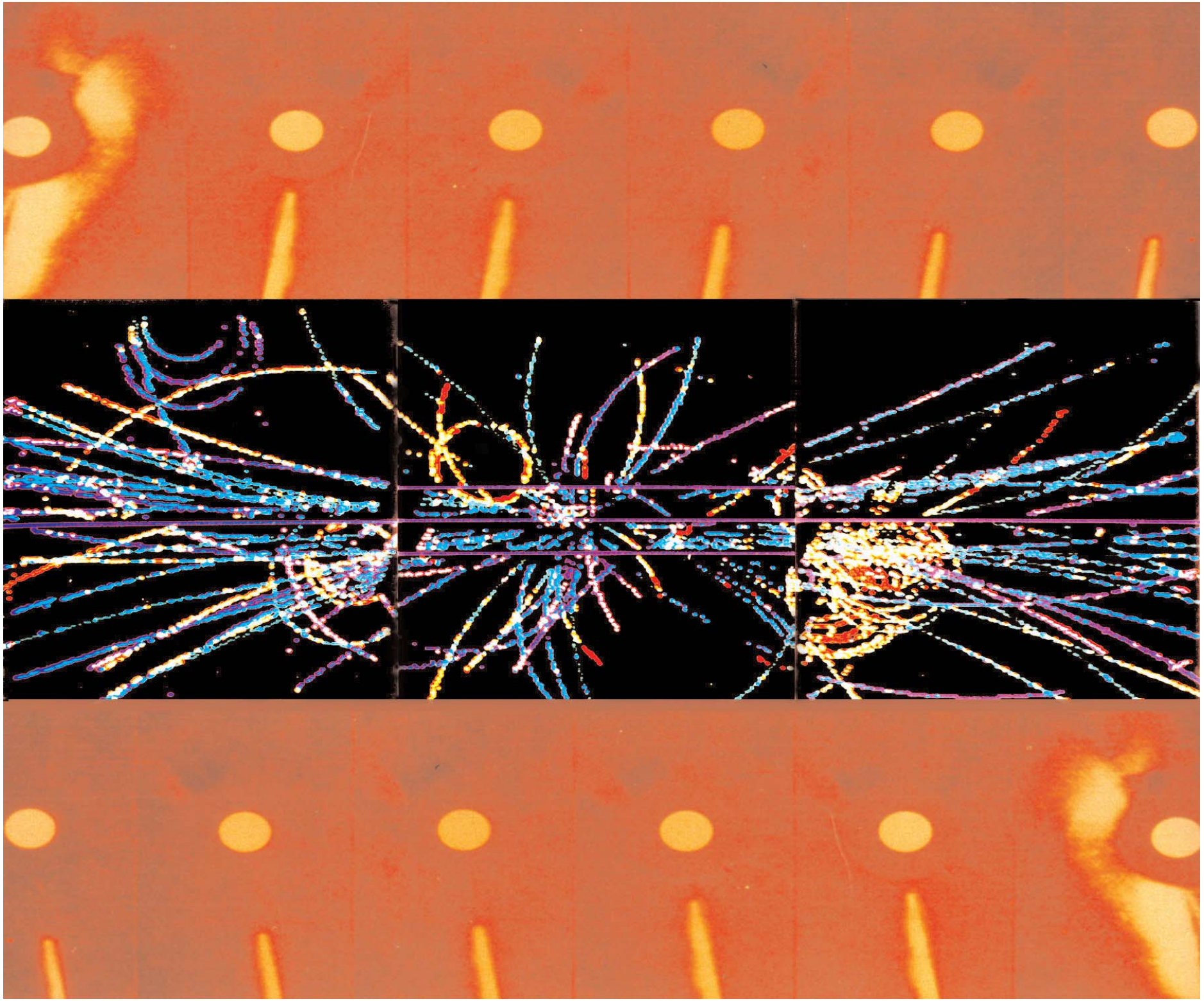


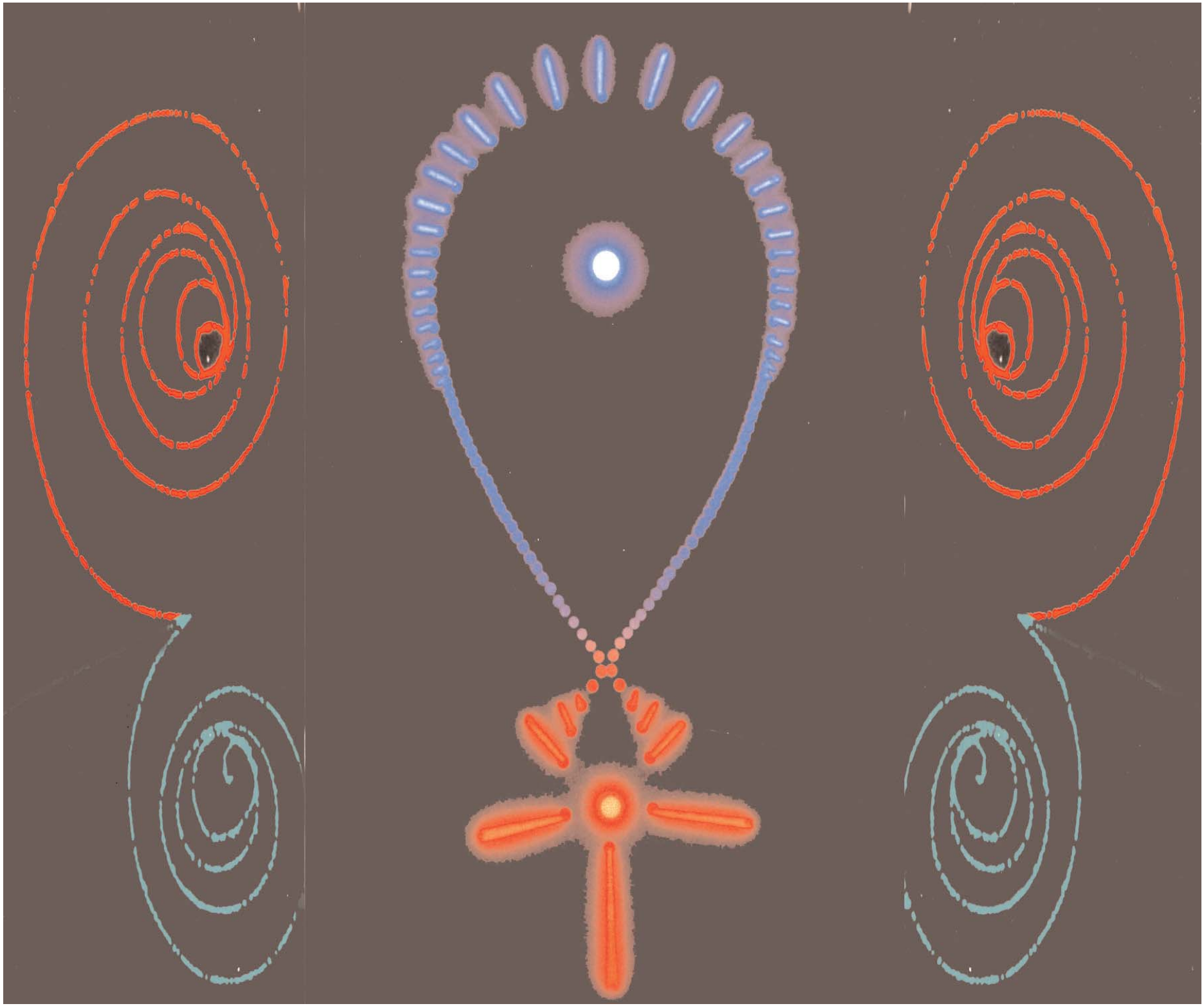


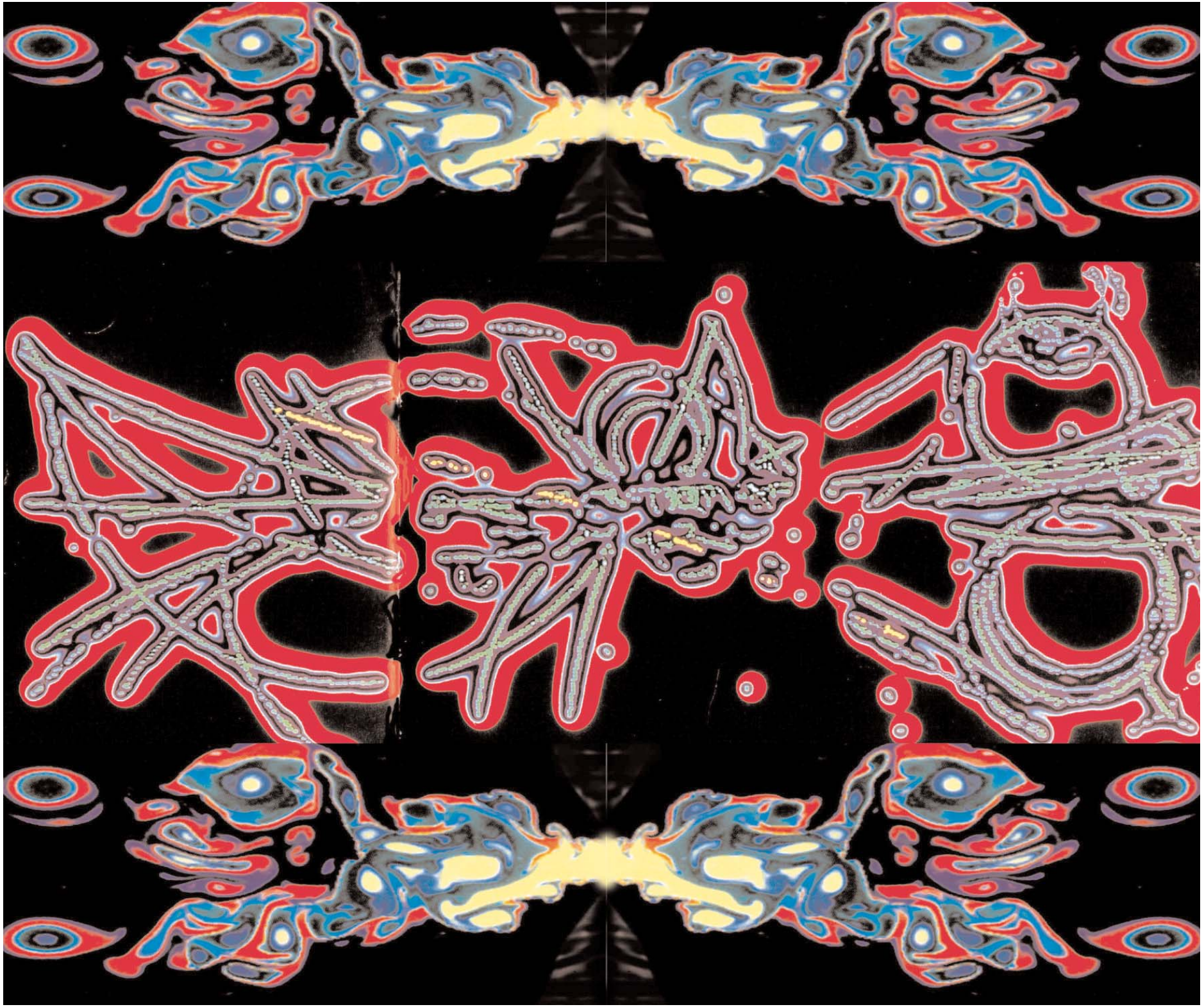


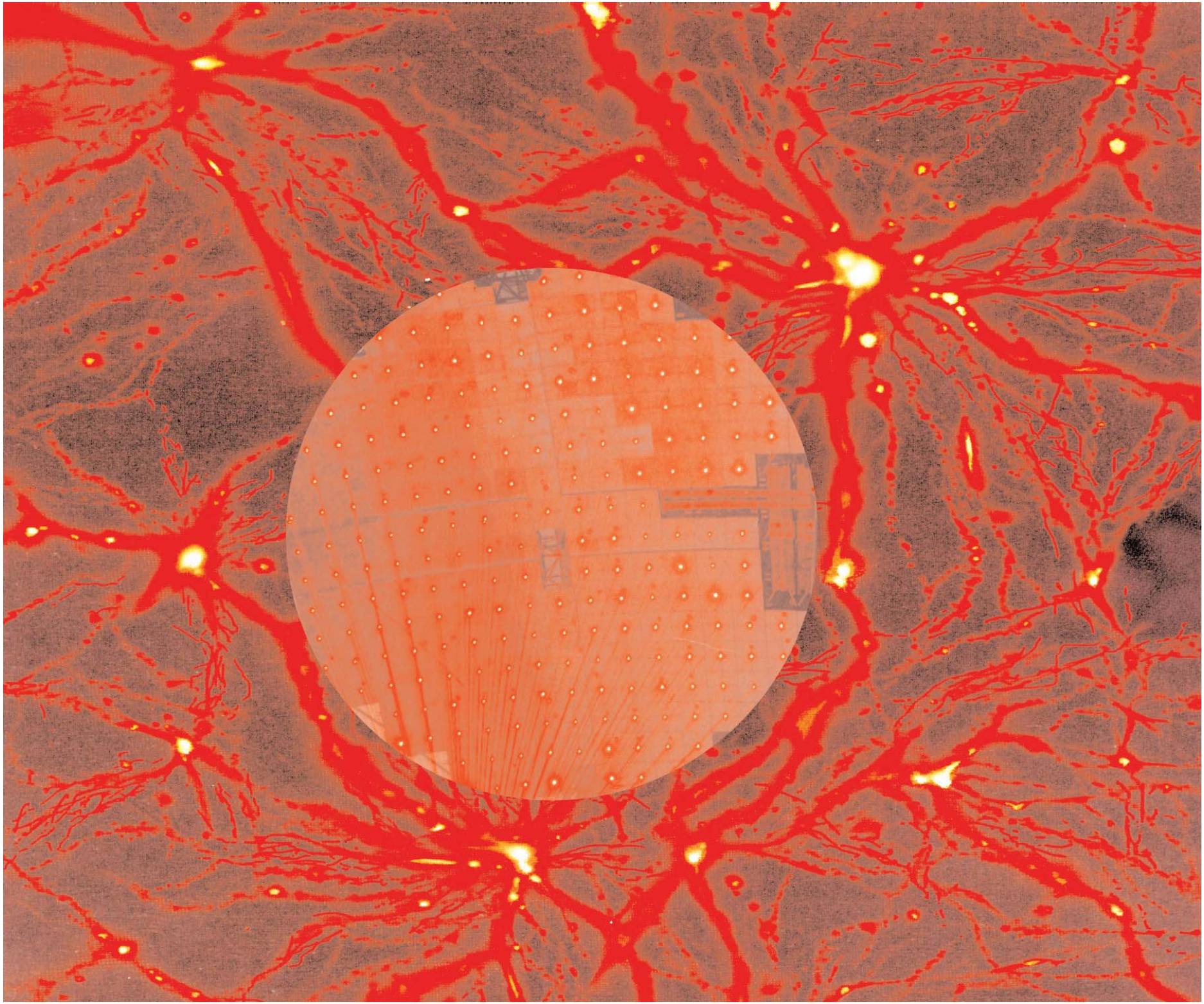


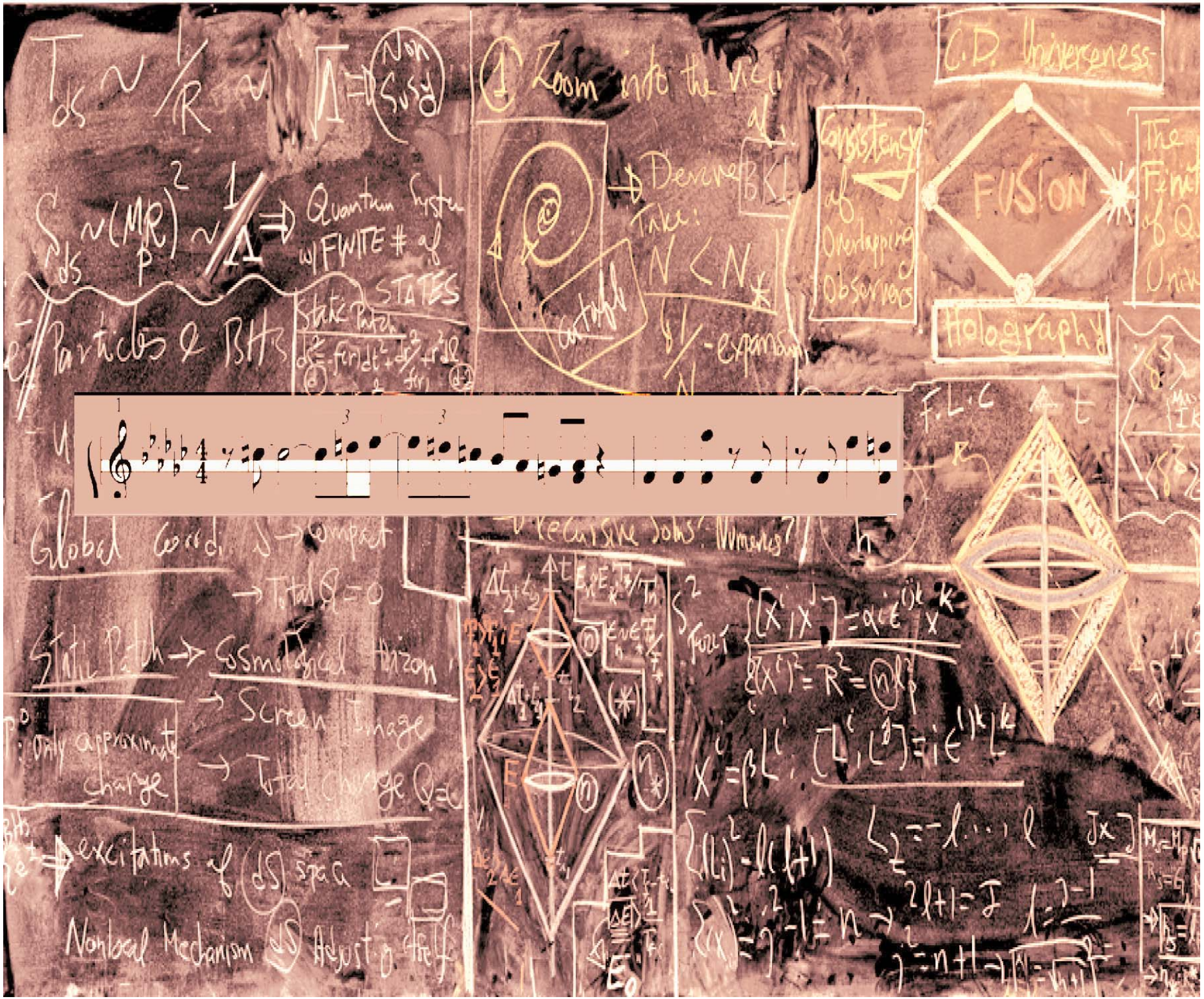


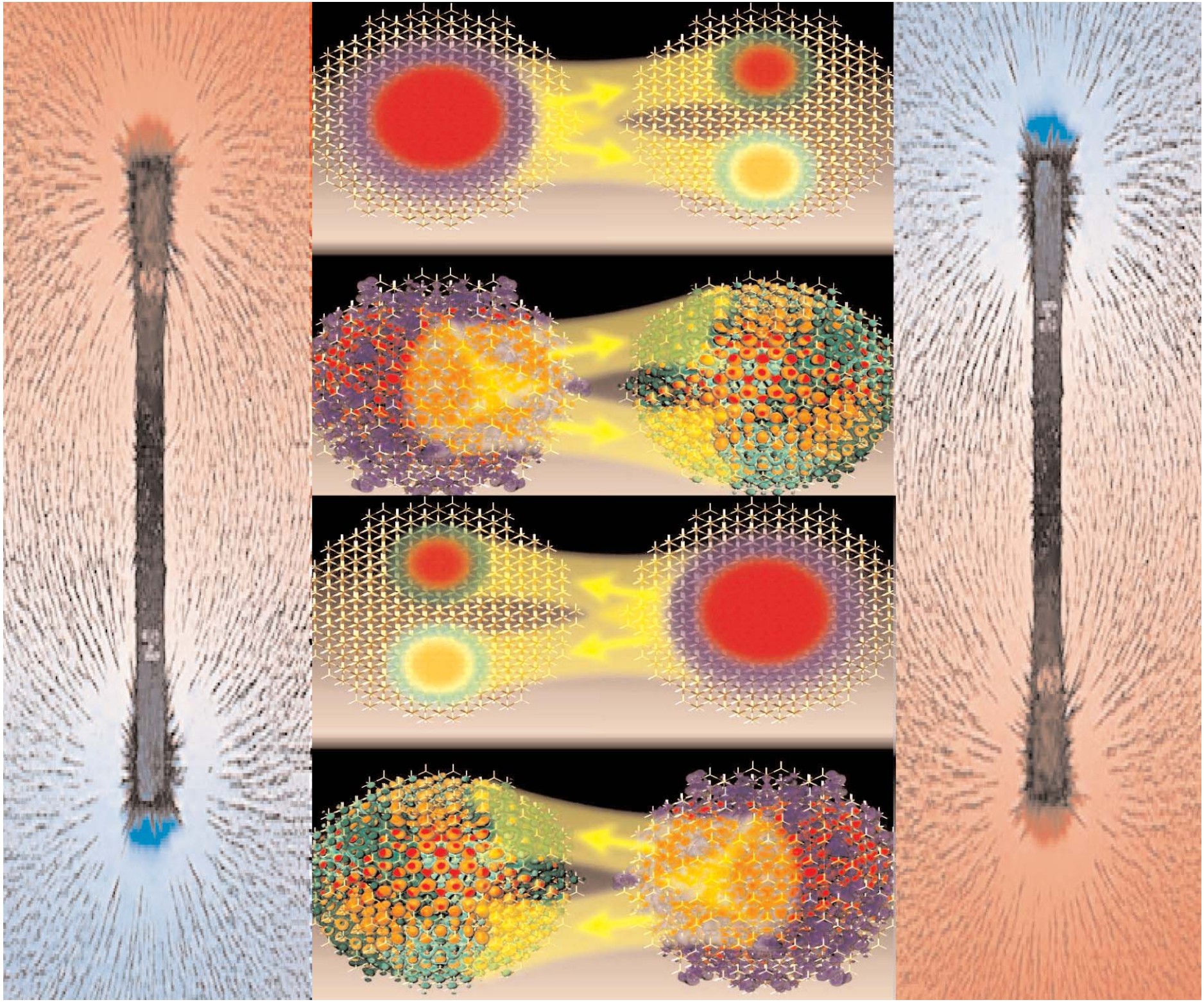


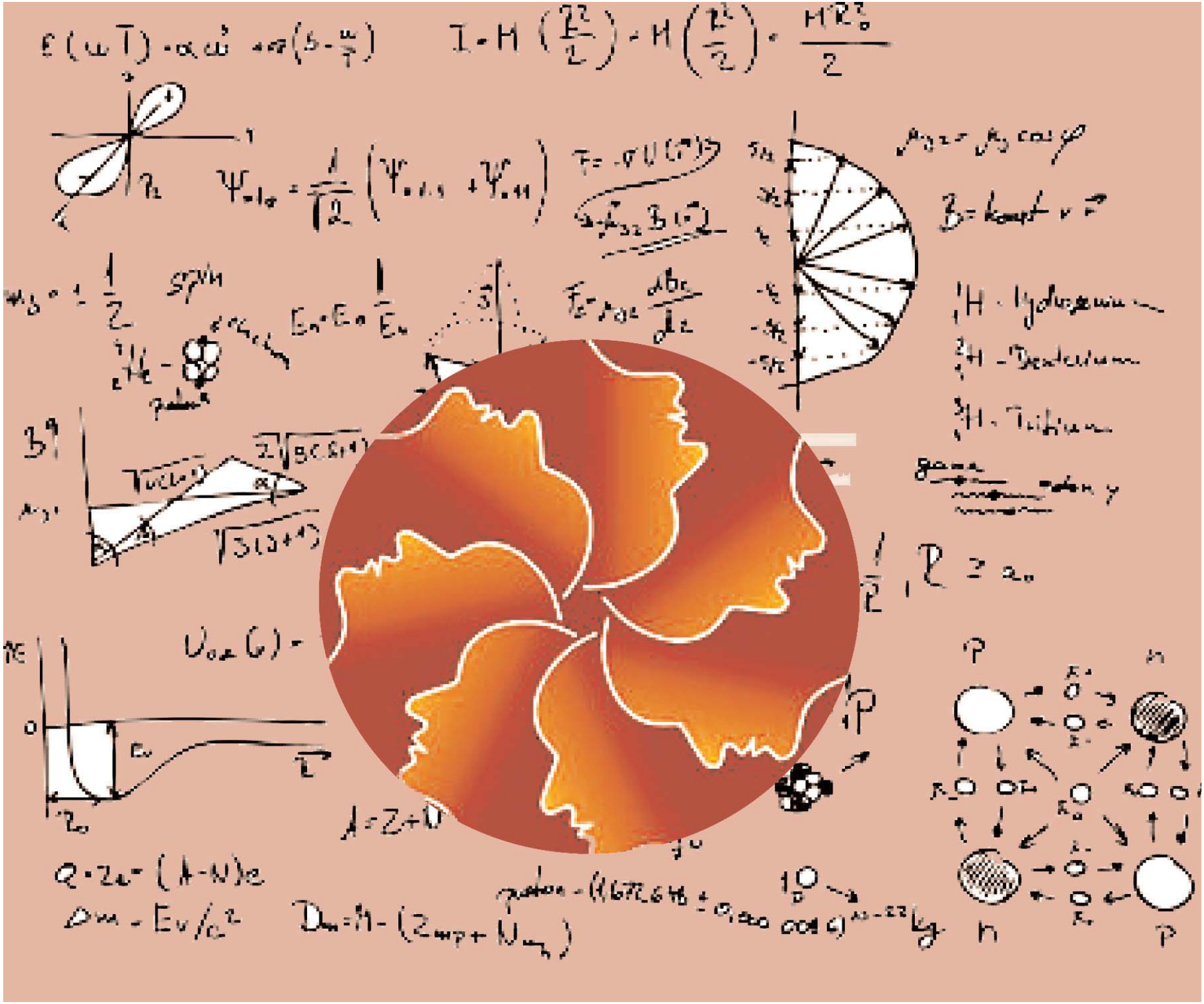




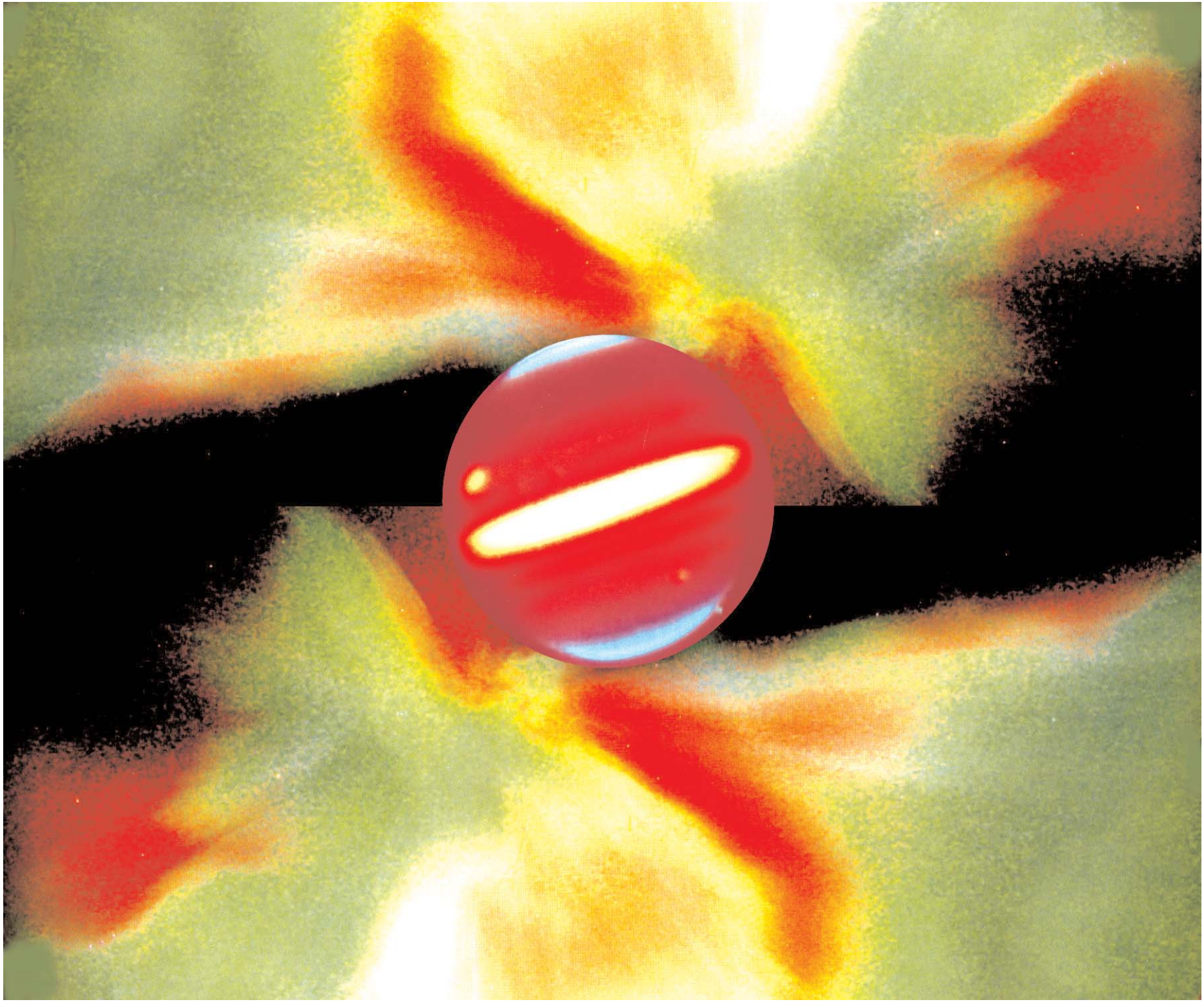


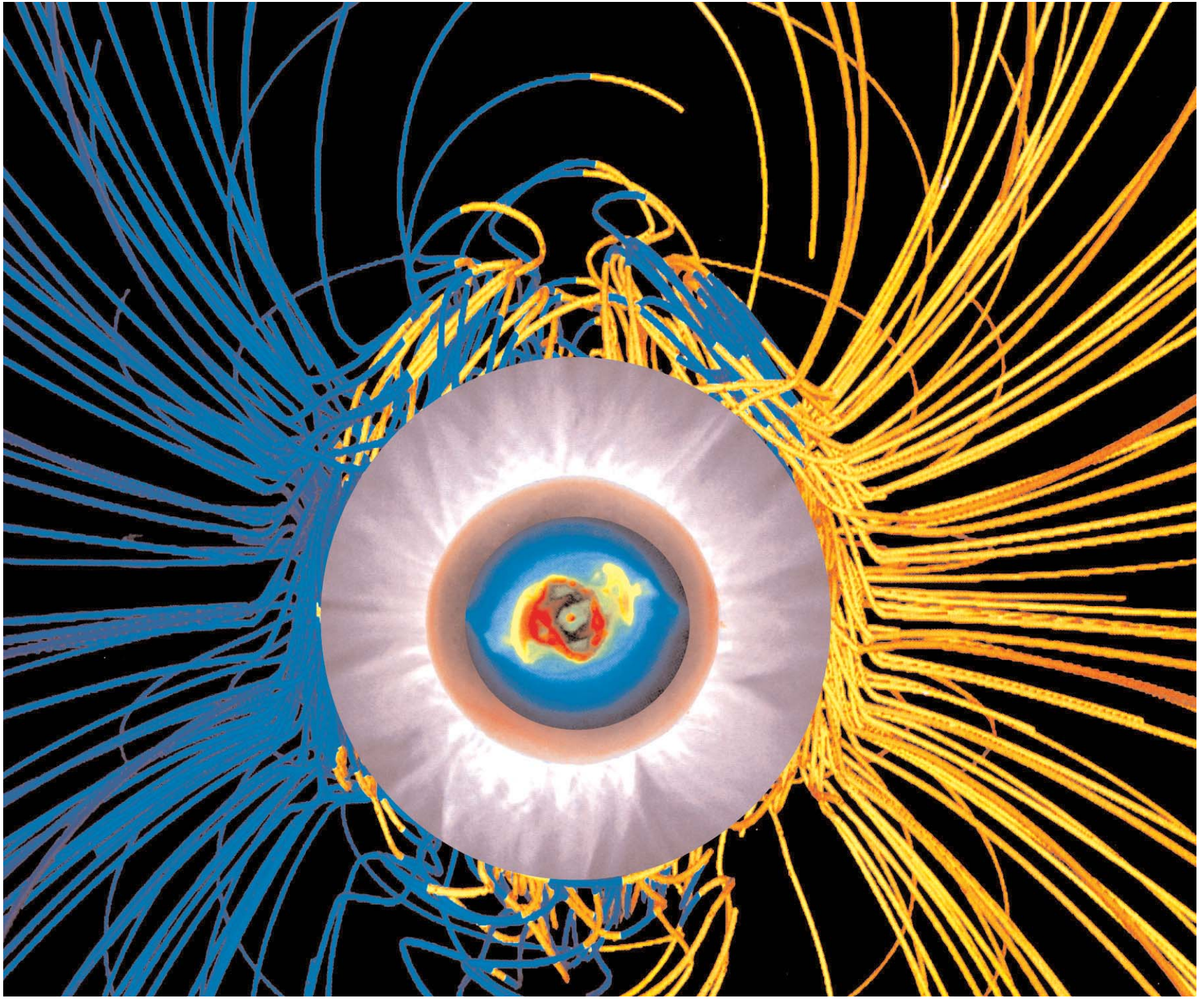

C.D. Universeness
FUSION
Holography
Consistency of Overlapping Observers
Particles & BHs
Quantum System w/ FWITE # of STATES
Global Coord. S → compact
Static Patch → Cosmological Horizon
→ Screen Image
→ Total charge Q=0
Only approximate charge
excitations of (dS) space
Nonlocal Mechanism
Adjust g. itself
Recursive Solns? Numerics?

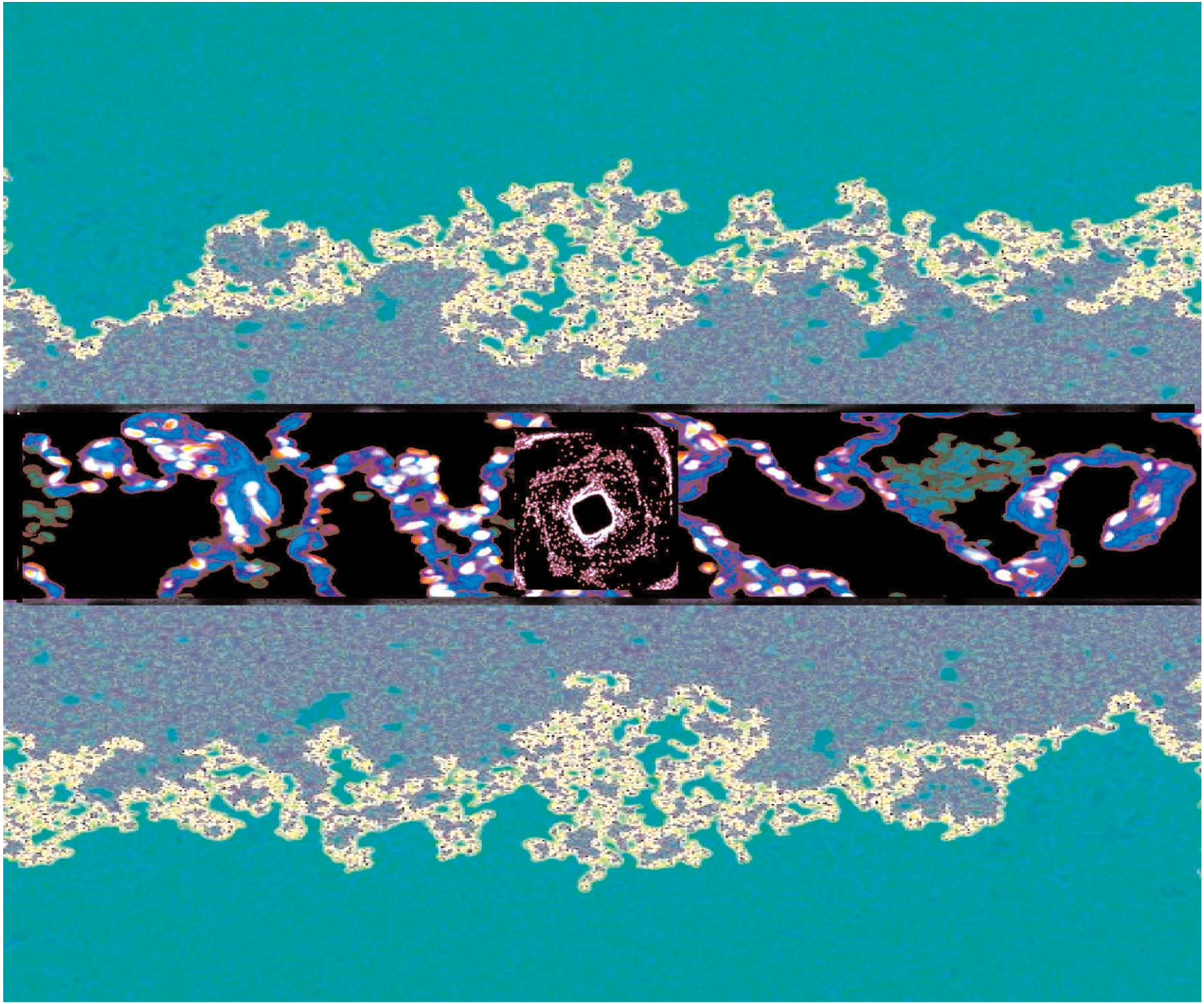


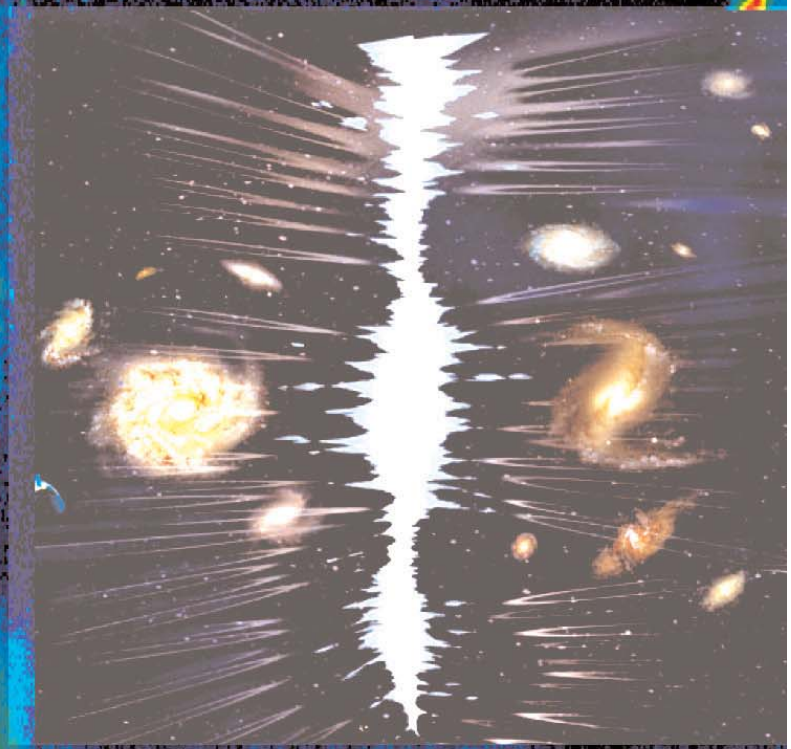


B = konst v r
H - Hydrogenium
H - Deuterium
H - Tritium
A = Z + N







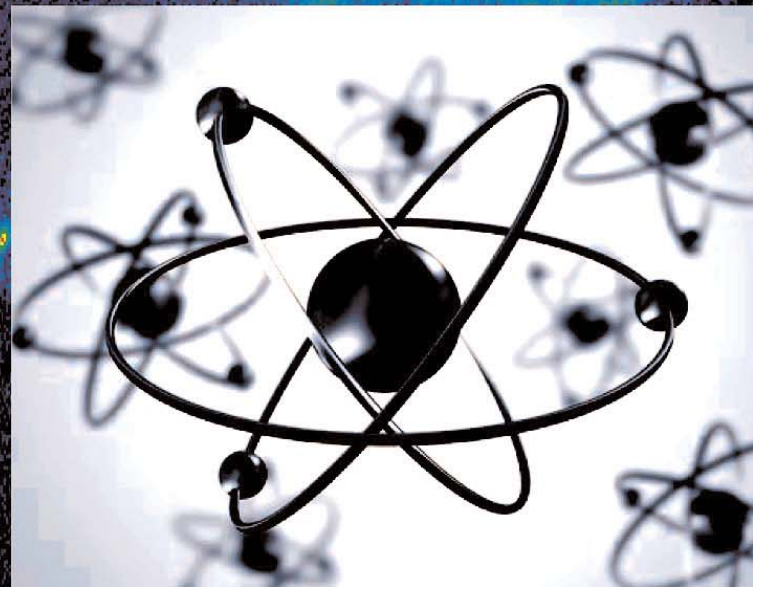


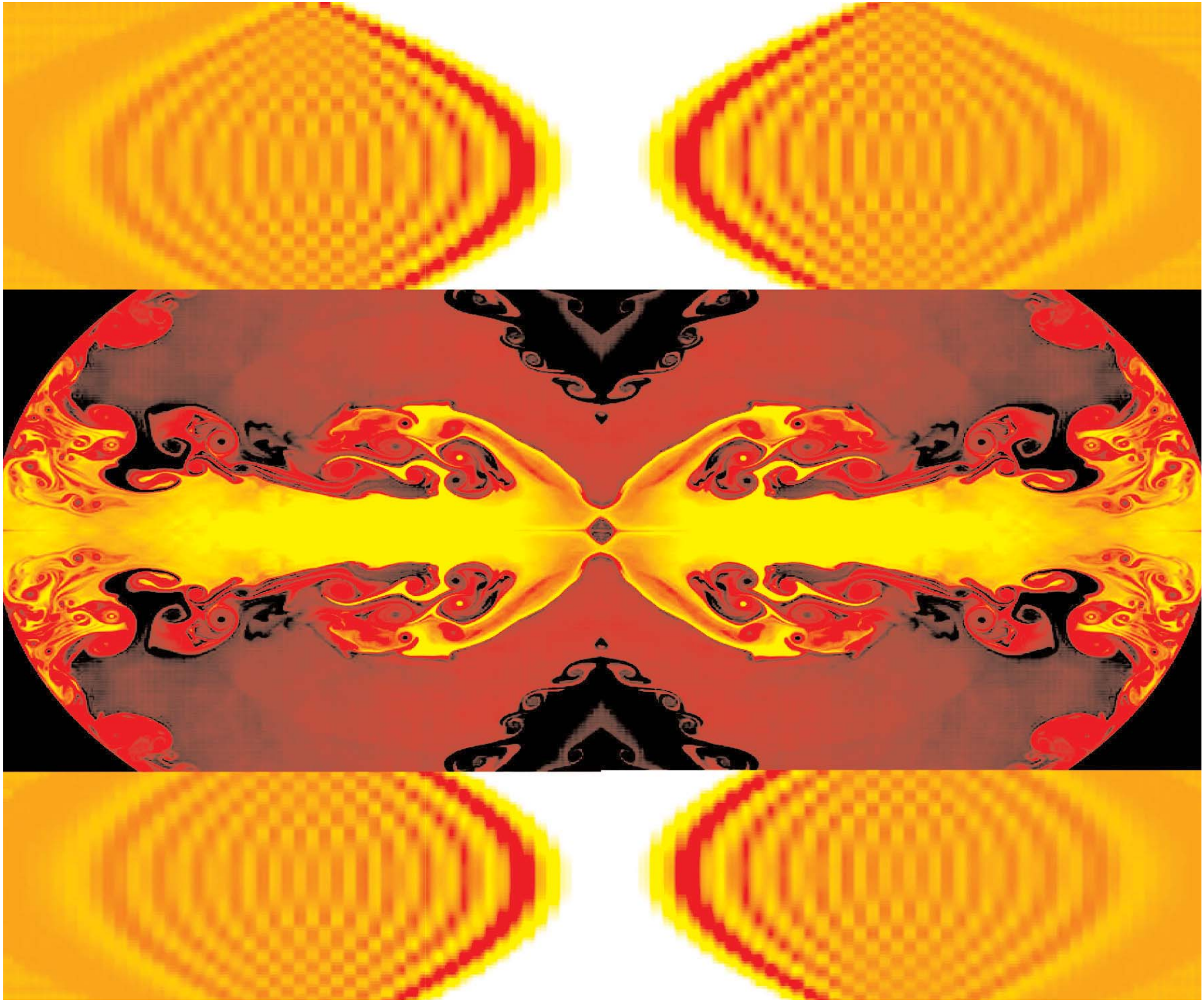
$$\frac{d}{dt}\langle x\rangle = \frac{d}{dt}\int_{-\infty}^{+\infty}\bar{\Psi}x\Psi dx = \int_{-\infty}^{+\infty}\frac{d}{dt}\left(\bar{\Psi}x\Psi\right)dx = \int_{-\infty}^{+\infty}\left(\frac{\partial\bar{\Psi}}{\partial t}x\Psi + \bar{\Psi}x\frac{\partial\Psi}{\partial t}\right)dx$$

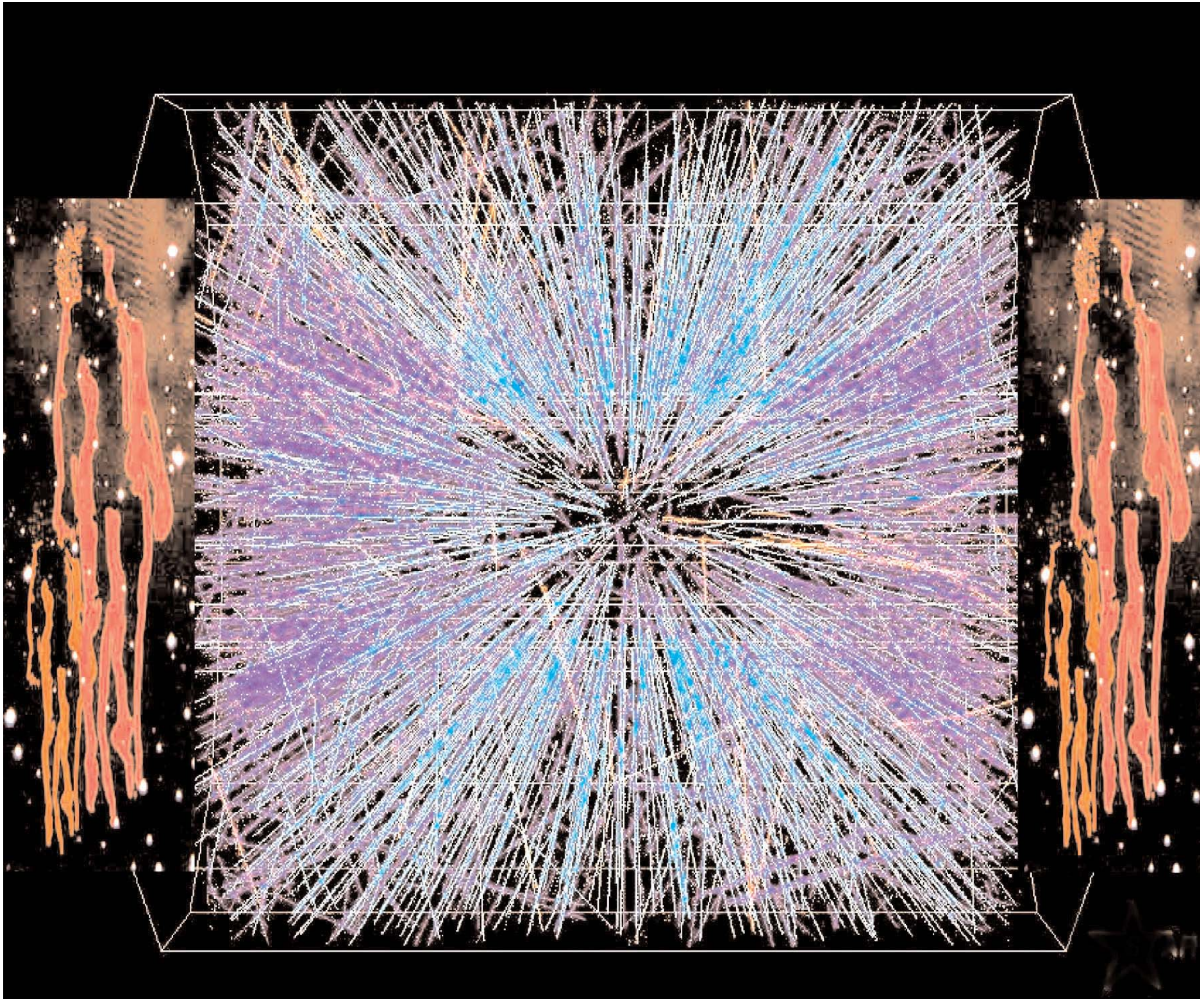
$$= \int_{-\infty}^{+\infty}\frac{\partial\bar{\Psi}}{\partial t}x\Psi dx + \int_{-\infty}^{+\infty}\bar{\Psi}x\frac{\partial\Psi}{\partial t}dx = \int_{-\infty}^{+\infty}\left(\frac{\partial\bar{\Psi}}{\partial t}\right)x\Psi dx + \int_{-\infty}^{+\infty}\bar{\Psi}x\left(\frac{\partial\Psi}{\partial t}\right)dx$$

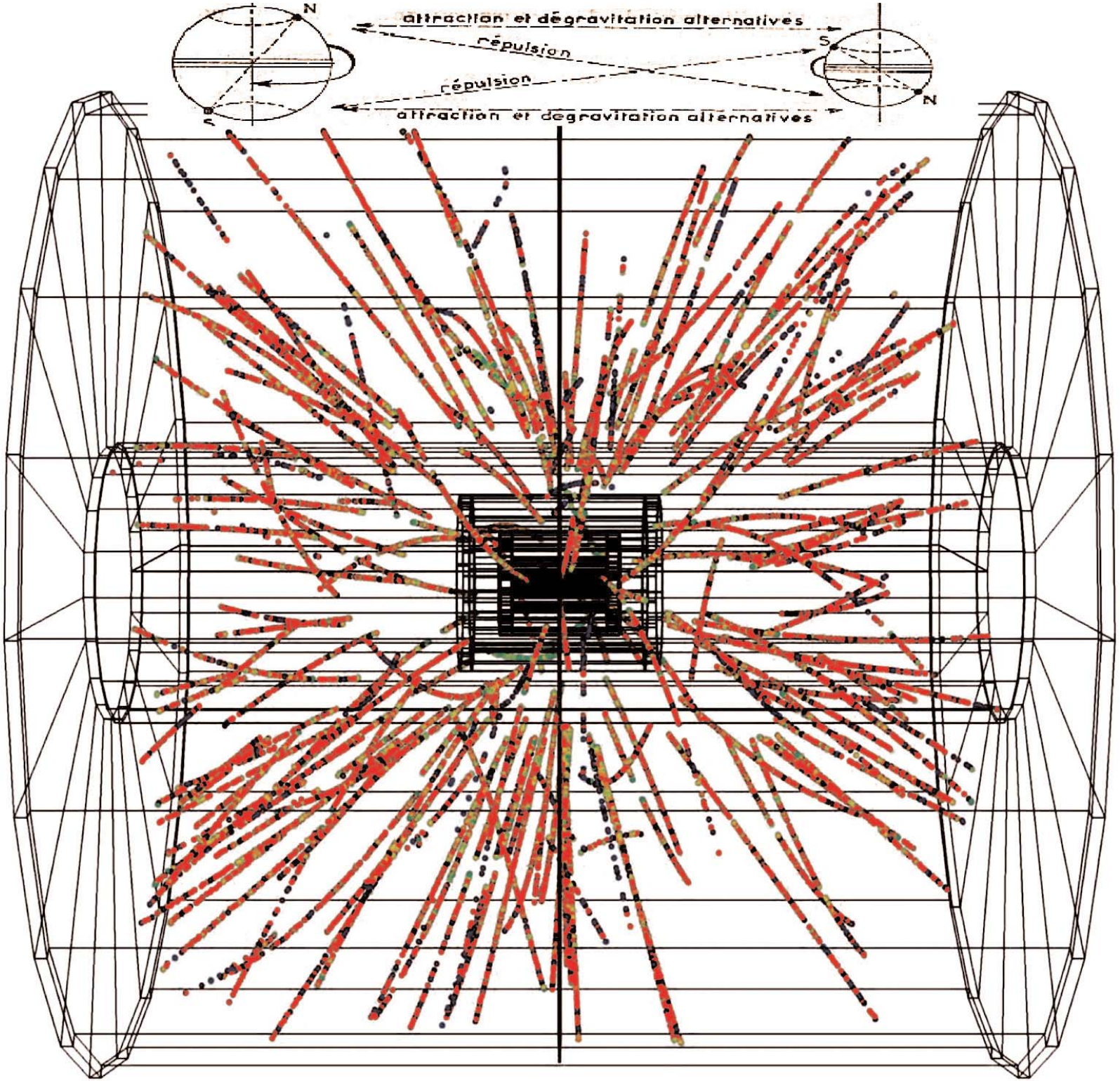
$$= \frac{i}{\hbar}\left[\int_{-\infty}^{+\infty}\left(-\frac{\hbar^2}{2m}\frac{\partial^2\bar{\Psi}}{\partial x^2} + E_{pot}(x)\bar{\Psi}\right)x\Psi dx - \int_{-\infty}^{+\infty}\bar{\Psi}x\left(-\frac{\hbar^2}{2m}\frac{\partial^2\Psi}{\partial x^2} + E_{pot}(x)\Psi\right)\right.$$

$$= \frac{i\hbar}{2m}\left[\int_{-\infty}^{+\infty}\left(-\frac{\partial^2\bar{\Psi}}{\partial x^2}\right)x\Psi dx - \int_{-\infty}^{+\infty}\bar{\Psi}x\left(-\frac{\partial^2\Psi}{\partial x^2}\right)dx\right] = \frac{i\hbar}{2m}\int_{-\infty}^{+\infty}\left(\bar{\Psi}x\frac{\partial^2\Psi}{\partial x^2} - \frac{\partial^2\bar{\Psi}}{\partial x^2}\right.$$





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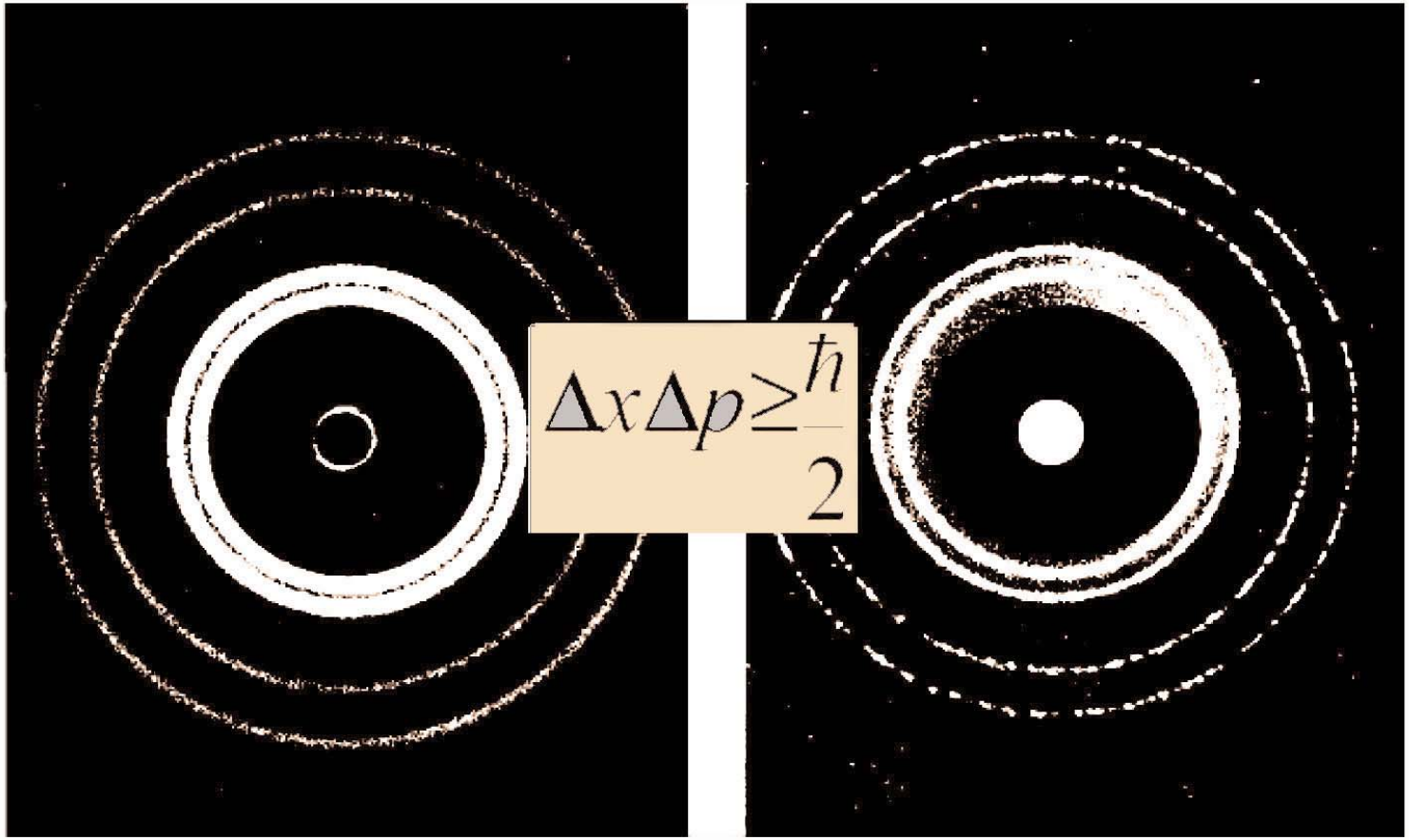
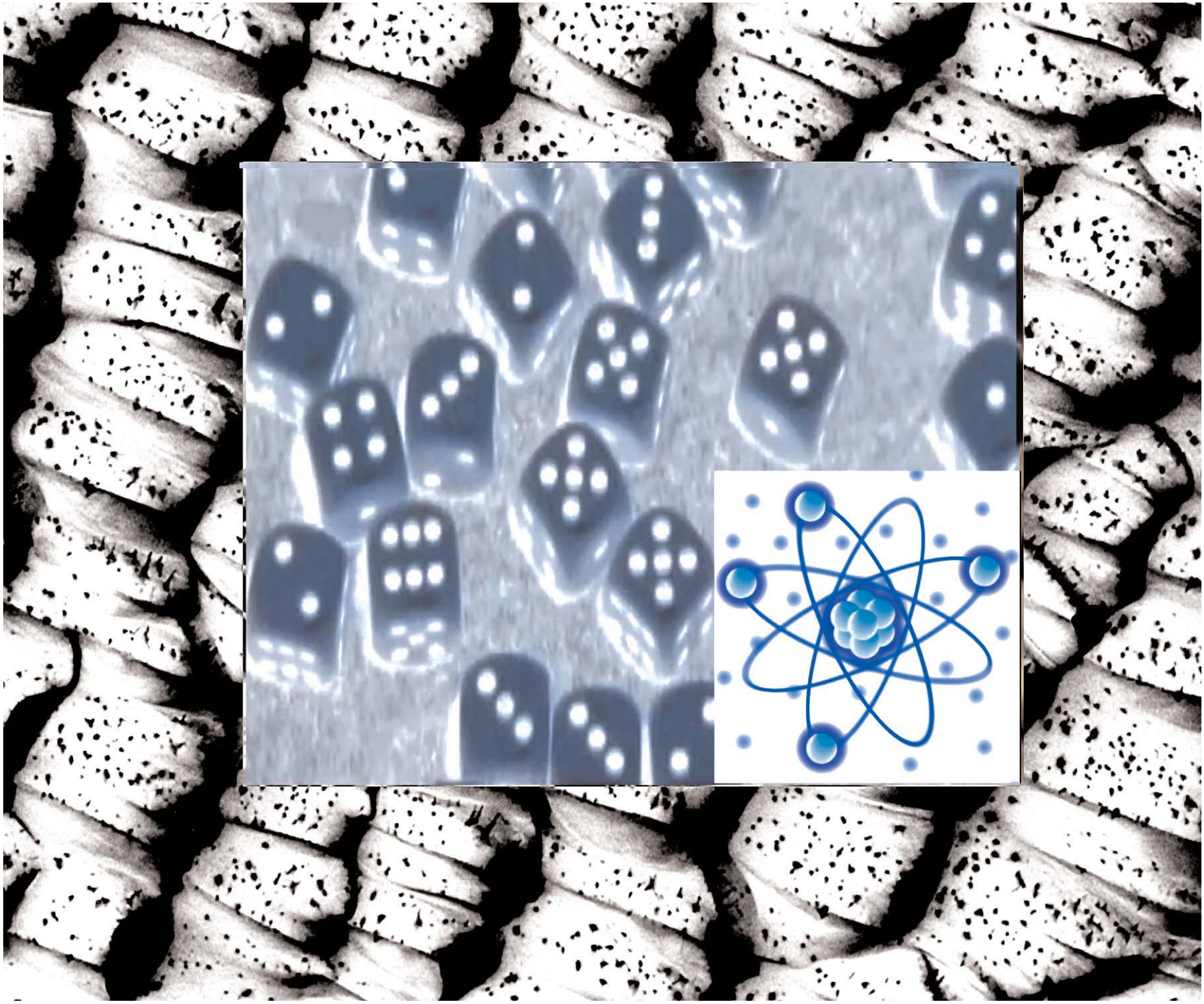
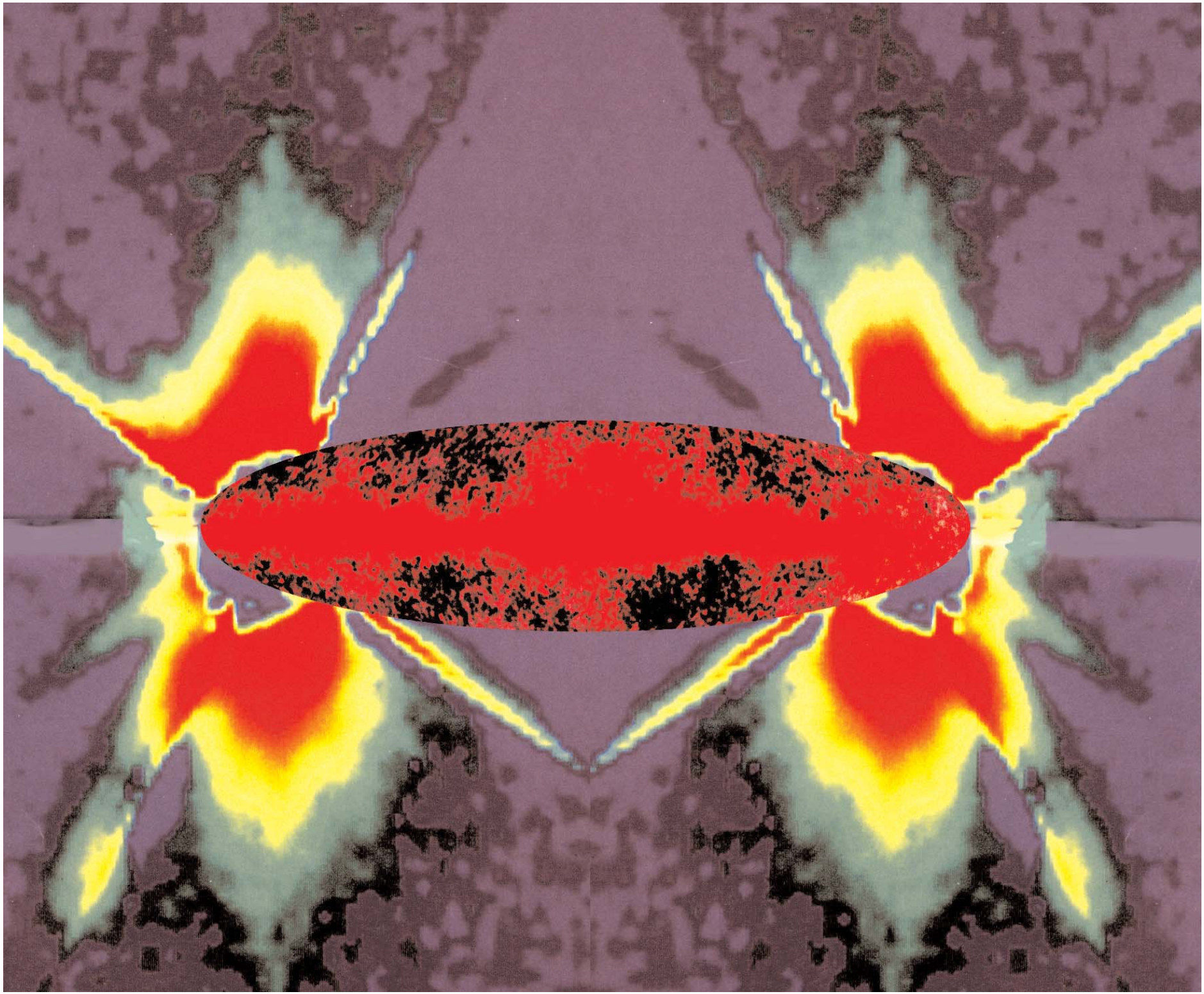
attraction et dégravitation alternatives
répulsion
répulsion
attraction et dégravitation alternatives

$$\left(-\frac{\hbar^2}{2m_o}\nabla^2 + V(\mathbf{r})\right)\psi = E\psi$$



$$\left(-\frac{\hbar^2}{2m_o}\nabla^2 + V(\mathbf{r})\right)\psi = E\psi$$